# The Mining Journal IMERCIAL GAZETTE.

FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

No. 518 .-- Vol. XV.]

LONDON: SATURDAY, JULY 26, 1845.

PRICE 6D.

PROWNWILLY.—VALUABLE FREEHOLD AND OTHER PROPERTY, situated in the most renowned MINING DISTRICT in the county of CORNWALL.—TO BE SOLD, BY FUBLIC AUCTION (free of Auction Duty), by Mr. COAD, at Oliver's Hotel, Bedmin, on Tuesday, the 5th day of August next, at Four o'clock in the afternoon,

LOT I.

The fee-simple and inheritance of and in all that tenement known by the celebrated name of BROWNWILLY, situated in the parish of ST. BEEWARD, otherwise Symonward, in the county of Cornwall, containing about 299A. On. 338 of land, with an extensive right of common, now in the eccupation of Philip Ham, as tenant at will. There is an annual profit payable to the properioter of the above tenement, arising from Tin Stream Works therson, now in a prosperous clate of working.

LOT II.

All that measuage, tenement, and premises, called FEARNACRE, adjoining Lot I, and also attuate in the said parsh of St. Breward, otherwise Symonward, containing about 66A. 1s. 24r. of land, now in the occupation of the said Philip Ham, as tenant at will. One moisty of this lot is held in fee-simple, and the other moisty for the romainder, of a term of 999 years, of which 721 years are now unexpired.

The fame of "BROWNWILLY" is too well-known to render it necessary to enlarge on its position as one of the most prominent "Lions" of Cornwall; but, it may be added, that, by reason of the recent extraordinary, grand, and ulcratify-discoverjes in the mineral productions of the lands in this, the Eastern, part of the county, where the "Caradons," and other mines in their qualities and quantities of the various ores and metals are bearing away the palm from those of the Great "Treasvean," and others in its neighbourhoot in the west, where alone, until within the last four or five years, those hidden treasures were supposed to be found, this fine property (in which as yet no trial for those riches has been made, except to rin, of which considerable quantities for already been discovered and sold, but towards which all those neighbouring valuable mine

must be made (if by letter to be post-paid) to Massra. Glubb, solicitors, Liskoard; or Messra. J. and H. T. Smith, solicitors, Devouport.—Dated July 7, 1845.

VALUABLE LEASEHOLD LEAD MINES, MACHINERY, &c., FINTSHIRE.—TO RE SOLD, BY AUCTION, by Mr. JAMES WILLLAMS, at the BWLCHY-DDAU-FRYN MIRE, near MOLD, in the county of Flint, on Tuesday, the 18th day of August, 1845, at Eleven for Treelvo c'elock precisely, in one or more lofs, as may be agreed upon a ctain time of sale, and subject to conditions, the Omore lofs, as may be agreed upon a ctain of cale, and subject to conditions, the OmarkaNY'S LEASEHOLD INTELEST in the EWLCH-Y-DDAU-FRYN, GARREG-BOETH, and DOLFECHLAS MIRES, stuated in the parishes of CILCEN and MOLD, in the sald county, These mines are held under leases granted by Mrs. Allanson, Edward Lloyd, John Taylor, Eage, and others (having several years to run and subject only to the usual royalities)—are situated in a district abounding with lead ore, and upon the well-known "Bwlek-y-Ddau-Fryn" and "Garreg-Boeth" velns, and adjoin the celebrated Pant-y-mayn, Goed-y-Hendre and Bryn-cely Mines.

Thatg are whitnessy shafts sunsk and several day levels driven in the velns at the depth of 40 and 100 yards and upwards, in which successful operations are carried on, and as knere is a great extent of fresh land in their direction, it is confidently expected that persons having capital, and desirous of employing it to advantage, will find this, in overy spect, a favourable opportunity for doing so.

The respective mines will be shown, and further particulars had, by applying to Capi. James Edwards, Bwlch-y-Ddau-Fryn Mines, near Mold. The maps and leases may be inspected at the office of the successful operations are carried on, and as cheer to the office of the successful operations are carried on, and subject to the office of the successful operations are carried on the form of the successful operations are carried on the subject of the successful operations are carried on a subject of the subject of the subject

whole will be sold at the Bwich-y-Ddau-Fryn Mine, and descriptive ca be had five days prior to the sale, of Captain James Edwards, on the pa the auctioneer, as aforesaid.

THROPSHIRE.-VALUABLE FREEHOLD MINING PROPERTY, containing 136a. 3n. 26v., or thereabouts, with a most excellen MANSION HOUSE, called PRIORSLEE HALL, situate at Priorsice, in the parish of Shiffmal, whithis two miles of the town of Shiffmal, and close to the turnpike-road, leading from Birasingham to Shrewsbury, and within a mile of each of the projected lines of rail road from Birasingham and Wolverhampton to Shrewsbury, and six miles from the town of Wellington, TO BE SOLL), BY AUCTION, in one lot, by Messrs. WALKER and PAGE, at the Swan Inn, Wolverhampton, on Monday, the 18th day of August, 1845. Five o'clock in the agreemon, subject to such conditions as will be then produced.

For further particulars apply to Mosars. Pritchard and Co., solicitors, Broseley, Salop.

OPPER MINE FOR SALE, situated in the island of CUBA twenty railes from the port of Navitas.—Five shafts, from 50 to 90 feet, have been sunt on the load, which has been thoroughly explored by mining captains for more than 500 feet east and west, and prenounced one of the richest mines in the whole island.—Upwards of \$40,000 worth of ore has already been taken out, but as the works must now be extended, more capital is required; and for this reason only one-half, of free-tightis, of this valuable property is OFFERED FOR SALE to CAPITALISTS who will work it. A new engine, pumps, tools, and 100 areas woodland is attached to the mine, within 300 yards of which passes the Noeviks and Principe Raifroad.—Reference may be made to Messur. Carne and Telo, of Liverpoot; Geo. Ditson, Esq., U.S.V. Consul, Nuevitas (Cubolaud Messrs. John Simmons and Sco., Boston, U.S.

and Mesers. John Simmons and Son, Boston, U.S.

CAPITAL, E.X.TENSIVE, AND VALUABLE SLATE QUARRY, with immediate possession.—TO BE LET, OR SOLD, all that capital, extensive, and valuable QUARRY of SLATES, of the best quality, now open, and in work, called Rhivbach, together with the cottages and other offices attached thereto, situate in the partial of PENMACHNO, in the county of Carararvon. The above quarry has been worked for about twenty years, and is situate within two miles only of the Ffestining Railway, along which is conveyed the slate from the neighbouring extensive quarries to Fortmado: and, by a comparatively small outlay, a road might be made from the above quarry to the said railway. It is also situate about fourteen miles from Trefrive Quay, on the River Conway—an excellent shipping for vossels of large tonnage. The quarry is espable of being extensively and profitably worked by an experienced and spirited capitalist, who will find the above well worthy of his notice—terms liberal. Also a comfortable HOUSE, with an extensive FARM.—For further particulars apply (in the particulars apply (in the particulars apply (in the particulars apply to the said with an extensive FARM.—For further particulars apply (in the particular) and the particulars apply (in the particular) and the particulars apply (in the particular).

FOR SALE, TWO HIGH-PRESSURE STEAM-ENGINES.

1. A HIGH-PRESSURE PUMPING ENGINE, 26-Inch cylinder, stroke 7-feet.

2. A HIGH-PRESSURE WINDING ENGINE 20. Inch. 20-Inch. A HIGH-PRESSURE PUMPING ENGINE, 26-inch cylinder, stroke 7-feet
 A HIGH-PRESSURE WINDING ENGINE, 20-inch cylinder, and stroke 5-feet.
 Also, THREE HIGH-PRESSURE BOILERS.
 These engines will be sold on advantageous terms.—Apply to Mr. Moore, Morrison's Haven, Pressionpans.

STEAM-ENGINES, from 8 to 16-horse power, ALWAYS in STOCK.—Apply to Mr. Capper, engineer and tronbunder, Birmingham.

N.B.—CASTINGS AND PIT WORK MADE TO ORDER.

THE PATENT SAFETY FUSE, OPERATIONS.—This article affords the SAPET CHEAPEST, and most EXPEDITUDE MODE of effecting this very hazardous operation. From many testimonies to its usentiness with which the manufacturers have been favoured from every part of the kingdom, they select the following letter, recently received from John Taylor, Eag., F.R.S., etc.,—"I am very glad to hear that my recommendations have been of any service to you; they have been given from a thorough conviction of the great usefulnees of the Manufactured and sold by the Patentees, BIOKFORD, SMITH, and DAVEY, Comborne, Cornwall.

DATENT GALVANISED IRON COMPANY. PATENT GALVANISED IRON COMPAN

In the Court of Common Fleas, on the 5th inst., the argument for the new trial or
to a hearing, when the Court recommended the question to stand over, until the writerte folias and out by Messrs. Morewood and Rogers had been treated to the first of the court recommended the question to stand over, until the writerte folias and out by Messrs. Morewood and Rogers had been the stand over, until the wriunfortunately, cannot take place before December). Trial by "ever folias" is the per
mode of testing the validity of a patent, and should have been the standard of the standard of the standard patent for awaring themselves and their customers from a heavy responsibility, as the patent rem
in full force, and all parties are hereby CAUTIONED against littly, as the patent rem
in full force, and all parties are hereby CAUTIONED against littly, as the patent rem
in full force, and all parties are hereby CAUTIONED against littly, as the patent recommended for including the said patent for confider from with since to prevent,
daston. No doubt is emertained of fully substantiating fairs, one of the best and most
portant patents ever enrolled, and proceedings will be taken against all parties who
yade it. The jury, in the came "Fatteson and others v. Holland, Morewood, and Roger
tried in Pebruary last, decided all the issues in favour of the patent, except one upon
opecification, upon which point the cylcience at his future trial will correct the misception which arose upon that issue.

3, Manion-house-place, Lendon, Jone 13, 4445.

STURIAN MINING COMPANY.—The shareholders in this company are hereby informed, that a REPORT of the PROCEEDINGS at the ANNUAL GENERAL MEETING, held on the 30th ult, may be had on application at the office, 9, Austinfriars.

By order,
JOHN CHARRETIE, Secretary. (Signed)

CIATION.—Notice is hereby given, that a DIVIDEND of ONE POUND per share will be PAID to the holders of certificates in this company, at the office of the association, 46, Austinfriars, on and after the 7th day of August next, between the hours of Eleven and Three of-clock. The proprietors are requested to leave their certificates at the office for examination three clear days before the day of payment.

By order of the court of directors, 26, Austinfriars, July 22, 1845.

OPIAPO MINING COMPANY.—Notice is hereby given, that the GENERAL MEETING of shareholders will be HELD at the company's office, 22, Austinfriars, on Wednesday, the 36th inst., at One o'clock processly, for the purpose of receiving the report of the directors for the past half-year. At which meeting Henry Harman, Esq., and C. Heston Ellis, Esq., directors, and Robert Skynner, Esq., and the past half-year. At which meeting henry Harman, Esq., and C. Heston Ellis, Esq., directors, and Robert Skynner, Esq., anditor, who go out of office by rotation—being eligible, offer themselves for re-election. This meeting is made special, for the consideration of the expediency of raising additional capital for a vigorous prosecution of the company's operations, according to the internation given to the shareholders at the last half-yearly meeting.

By order of the directors,
FRED. GRELLET, Secretary.

TRED. GRELLET, Secretary.

UNITED MEXICAN MINING ASSOCIATION.—Notice of this association will be HELD at the London Tavern, Bishopsgate-street, on Wednesday, the 30th July inst., at One o'clock precisely, when the election of two directors and one auditor will take place.—Directors going out by rotation, John Hilberft, Esq., and James Mackillop, Esq. Auditor going out by rotation, John Hilberft, Esq., and James Mackillop, Esq. Auditor going out by rotation, Thomas M. Flockton, Esq.—and who, being eligible thereto, are candidates for re-olection. And the meeting will be made special, for the purpose of comfirming the resolutions prepared under the advice of counsel, and passed at a special general meeting of the proprietors of this association, held on the 35th ultimo, for altering certain clauses of the Deed of Settlement relative to the payment of dividends, so as to authorise the directors to make such paymenter, and at all times when, they may be in possession of funds sufficient for the purpose. The transfer books will be closed, as usual, on the evening of the 12th, and re-opened on the 31st inst.—The holders of scrip shares will not be entitled to receive any dividend that may be declared, until their shares are registered.

By order of a court of directors,

8, Great Winchester-street, London, July 4, 1845.

JOHN MATHER, Sec.

SSAYING AND MINERAL ANALYSIS.—IMPORTANT A SSAYING AND MINESCAL ANALI SIS.—INFORMATION TO THE PROPRIETORS AND SHAREHOLDERS OF MINES, &c.—Mosrz-MITCHELLand FIELDS'S LABORATORY IS OPEN to GENTLEMEN for INSTRUCTION in all BRANCHES of ASSAYING, MINERAL ANALYSIS, and GENERAL CHEMISTRY; ASSAYS and ANALYSIS conducted as usual.—For terms address of Messrs. Mitchell and Field, assayers, &c., & A. Hawley-road, Kentish-town, London

TO ENGINEERS, RAILWAY CONTRACTORS, MINING AGENTS, IRONMASTERS, AND OTHERS REQUIRING FINE GREASE for MACHINERY and AXLES of every description,—JOSEPH PERCIVAL'S IMPROVED ANTI-FRICTION GREASE is—after trials on machinery and axles of every kind where constant friction is kept up—admitted to be the most useful, economical, and best preparation of the kind ever offered to the public.

References to scientific and practical mone can be given, and testmontals shown of its great excellence.—Samples forwarded on application at the manufactory, Green-street, Wellington-street, Blackfriars-road, London.

CUSPENSION BRIDGES.—ANDREW SMITH'S PATENT GALVANISED WIRE ROPE and CHAIN SUSPENSION, or PARABOLIC TENSION, BRIDGES, are so constructed that the lateral oscillation and vibration (so destructive on the ordinary suspension principle) are entirely provened by this improvement, for deep ravines or cuttings, the Parabolic Tension Bridge costs much less than those of the suspension principle—piers, &c., being cuttively dispensed with.

Drawings and models may be seen, and all necessary information had, on application at the effices, White Lion-court, Cornhill; 69, Princess-street, Lebester-square; or at the works, Millwall, Poplar.

BEST PROCESS for the PRESERVATION OF TIMBER, CANVAS, CORDAGE COUNTY, WOOLLEIN, &c.—LICENSES GRANTED to NOBLEMEN and GENTLEIN to use the preparation; and to offiers, for the purposes of trade, on advantageous ferms HYDRAULIC APPARATUS AND TANKS,
as preparation of the above inaterials, at the principal station, MILLWAY

nearly opposite Greenwich.

SPECIMENS and TESTIMONIALS may be seen, and every information office, 53, King William street, London-bridge.

DAYNE'S PATENT PROCESS FOR THE PRESERVATION
AND IMPROVEMENT OF TIMBER, &c.—PAYNE and LODER beg to invite
the attention of Engineers, Railway Companies, Architects, and others, to the ABOVE
PROCESS, and to state that they are prepared to ERECT; the necessary APPARATUS
in any part of the United Kingdom, where the quantity is sufficiently large to cover the
outlay of its removal.—Further particulars can be obtained at WHITEHALL WHARY,
CANNON-ROW, WESTHINSTER, or at their other stations—
FLEETWOOD-ON-WYRE, LANCASHIRE, UNION WHARF, SOUTHAMPTON, and
WISBEACH, CAMBRIDGESHIRE,
GUILDFORD, SURREY.

THE PROJECTED RAILWAYS.—ANALYSIS of the PATENT METALLIC SAND, or ENGLISH POZZOLANO, used in the foundations of the New Houses of Parliament, the great tunnels on the Birmingham Railway, a bevonshire, and other important works, referred to more particularly in the prospectus:

Silica 49 Magnesia 2
Oxide of Iron 32 Zinc 22
Alumina 6 Arsenic and carbonate of copper

BY HER MAJESTY'S ROYAL LETTERS PATENT.

MART'S ELLIPTICAL CONVEX METALLIC FLOATS,
FOR PROPELLING STEAM-SHIPS.—The very great superiority of this invention over the common float, in all points, having been fully proved by the application to various steamers of from 90 to upwards of 200-horses power—the patentee is enabled, with the greatest confidence, to recummend it to the Government and the public generally, and will immediately attend to all applications for license at his residence, to recummend it to the Government and the public generally, and will immediately attend to all applications for license at his residence, 5.5. Grenville-place, Hotwells, Britotl.—Jrine 19, 1843.

Personal attendance to the fitting (if required), on travelling expenses being public.

OFFICE FOR PATENTS, 7, STAPLE INN, HOLBORN, J. MURDOCH (successor and late assistant to Mr. Hebert) informs INVENTORS and PATENTIES, that at his OFFICE they can obtain REFERENCE TO A CLASSIFIED LIST OF PATENTS,
THE ONLY ONE RETAINT), which shows at one view all the Patents ever granted for any particular object, whereby they may save much trouble and expense, and procure in formation not otherwise obtainable. BRITISH and FOREIGN PATENTS OBTAINED, and USEFUL and ORNAMENTAL DESIGNS REGISTERED.

SPECIFICATIONS according propagated, and REPORTS of ENROLLED SPECIFICATIONS.

TIONS furnished on moderate terms.

FINISHED and WORKING DRAWINGS executed with accuracy and despatch

PATENT IMPROVEMENTS IN CHRONOMETERS.

WATCHES, AND CLOCKS.—E. J. DENT, 82, Strand, and 33, Cockspur-street
watch and clock maker, BY APPOINTMENT, to the Queen and his Royal Highness
Prince Albert, bogs to acquaint the public, that the manufacture of his chrosomoters,
watches, and clocks, is secured by three separate patents, respectively granted in 1836,
1840, 1842. Silver lever watches, jewelled in four holes, 6 gs. cach; in gold cases, see
25 to 410 extrs. Gold horisonial watches, with gold dilas, from 6 gs. to 12 gs. cack
DENTS PATENT DIPLIEDOSCOPE, or meridian instrument, is now ready for delivery.
Pampialets containing a description and directions for its use is. each, but to enstoners gratis.

NOTICE TO INVENTORS.—OFFICE FOR PATENTS OF INVENTIONS AND REGISTRATIONS OF DESIGNS, 14, LINCOLN'S INN-FIELDS.—The printed INSTRUCTIONS gratis, and every information upon the subject of PROTECTION for INVENTIONS, either by Letters Fatent or the Designs Act, may be had by applying personally, or by letter, pre-paid, to Mr. Alexander Printed and Office, 14, Lincoln's Inn-Fields.

ONE GUINEA WELLINGTON BOOTS, MADE TO MEASURE, by G. GARRETT, BOOTMAKER, by special appointment, to the KING OF THE BELGIANS.—A STOCK of the most FASHIONABLE and HIGHLY-FINISHED BOOTS, of all hinds, kept ready made, to suit the convenience of Noblemen, Officers of the United Services, and Gantlemen, who prefer trying on boots previous to purchasing, or griving an order.—G. GARRETT, ARMY BOOTMAKER, 120, JERNYL, STREET, and 4, LEICESTER-SQUARE.

RYE AND THOMAS, MINE AGENTS AND DEALERS IN STOCKS, RAILWAY AND OTHER SHARES, 80, OLD BROAD-STREET, LONDON. 23

MINING AND RAILWAY OFFICES, 16, CORNHILL.

PRACTICAL AGENTS and EXGINEERS resident in the several MINING DISTRICTS,
whereby he is onabled to obtain the earliest and most accurate information affecting
MINING and RAILWAY undertakings, proffers his services to the capitalist and adventurer in MINES and RAILWAYS, in the PURCHASE or DISPOSAL of SHARES, as
also obtaining REPOITS or STATEMENTS with reference thereto.—Reference as to
ability and the facilities possessed by Mr. Tredinnick will be readily afforded; and
strictest confidence preserved respecting all communications.

ALLWAY SHARES, &c., BY AUCTION, at the HALL OF COMMERCE.—Mesers. LAMOND and CO. respectfully beg to amnounce, that their SALE of RAILWAY SHARES are held every Tuesday and Friday, at One o'clock preclesly.—On TUESDAY NEXT, the 29th inst., in addition to their sausal catalogue of RAILWAY SHARES, they will have the honour to submit, at Twelve o'clock precisely, the following MINING and OTHER SHARES—viz., South Caradon, Lamanhooc Wheal Maris, West Holmbush, Wheal Emma, Wheal Eliza, Old Harrowbarrow, West Wheal Concert, Caradron, United, Royal Sardiago, Tamars, Colore, Callington, Tincroft, East Tincroft, Angle-Mexican, and various other mining shares, as per catalogue; also National Bank of Ireland, Thames Plate Glass, London Gas, Farmers' Insurance, Unexacanda Debentures, &c.—July 26, 1845.

East Tincroft, Angle-Mexican, and various other mining shares, as per catalogue; also National Bank of Ireland, Thames Plate Glass, London Gas, Farmers' Insurance, Unnear Canada Debentures, &c.—July 26, 1845.

PAHLWAY, SHARES, &c., BY AUCTION.—TO SHARE.

A HOLDERS AND CAPITALISTS —Encouraged by the recent increase of business in the sale and transfer of shares in the various public companies, British and foreign, and acting under the advice of friends and capitalists, Mesers, Lamond and Co., licensed auctioneers, have desemed the additional occupation thus created, together with the abolition of the auction duties, a fit opportunity for opening a separate and indepen duties provided the particle, to which they have determined to devote their undivided attention, declining all other business for this express purjose—viz., "the sale by auction of signrs in railways, British and foreign, assurances, mining, cometry, and canal companies, joint-stock banks, debentures, bonds, &c., &c., i'n abort, of every description of interest connected with the numerous public companies formed and now forming in the commercial world.

In arriving at this determination, it will be the anxious desire of Messrx. Lamond and Co. to give every information and salisfaction to their friends and the public, and looking at the probable magnitude of operations yielding adequate regumeration, they have resolved to adopt a low scale of advisors charges, by way of commission, and where sales are not effected, a small fee, merely sufficient to cover the expenses of printing, advertising, &c., &c., for putting up the lots.

To avoid any misunderstanding, a deposit of 10 per cent. will be required on all purchases at the hammer, unless the asine be effected through bankers, miembers of the Stock Exchange, or parties well known to the auctioneers; and a settlement of the remainder when the hammer, unless the asine be effected through bankers, miembers of the Stock Exchange, or parties well known to the auctioneers; and as settlement of the remaind

THE ELECTRIC TELEGRAPH.—COOKE AND WHEATSTONE PATENTEES

WHEATSTONE PATENTEES.

The ELECTRIC TELEGRAPH has been adopted on the following LINES;—
By ORDER OF THE LORDS OF THE ADMIRALTY, on the South-Western Railway,
as a GOVERNMENT TELEGRAPH from the ADMIRALTY, Whitehall, to PORTSMOUTH,
above NINETY MILES.
On the same line, as a Commercial Telegraph from Nine\_Elms to the Port of South
ampton, 77 miles—with a branch to Gosport, 16 miles.
On the London and Blackwall Railway, 6 "Single Way," 20 miles.
Aramouth and Norwich Railway, a "Single Way," 20 miles.
London and Dover Bailway, from Tunbridge to Maidstone, a "Single Way," 15 miles!
Part of the Oldham Branch Railway,
Part of the Leeds and Manchester Railway,
Part of the Leeds and Manchester Railway,
The Dalkey (atmospheric) Branch of the Dublin and Kingstown Railway.
London and Birmingham Railway—viz., from Northampton to Peterborough—a "Single
Line," 47 miles.

ane," 47 miles.

In addition to the above, the Yelegraph is about to be laid down on several "single nes" in different parts of England, Scotland, and Ireland.

Mr. Cooks is prepared to grant licences for the use or erection of the Telegraph for englished to country, where the boundary can be accurately defined.

Mr. Cooks will also undertake to erect a Telegraph in any part of the United Kingdom of a fixed amount.

a fixed amount.
or further particulars apply to W. Fothergill Cooke, Esq., Kidbrooke, Blackheath; or Robert Wilson, Esq., solicitor, 1, Copthall-buildings, London.

PROSSER'S RAILWAY ON WIMBLEDON COMMON.

—ALTERATION IN TIME OF RUNNING THE TRAINS.—In future the trains will CEASE to RUN in the MORNING, but CONTINUE to RUN DAILY, from One till Seven o'clock r.m. This line of railway, of two miles in length, has been laid down at great expense, to TEST the ADVANTAGES of PROSSER'S PATENT GUIDE WHEELS, it contains gradients of 1 in 50—1 in 75—and 1 in 200; and curves of the radii of the chains.—Engineers and persons interested in railways are invited to inspect it.

All particulars may be had of Mr. George Hadley, 36, New Broad-street, City.

TRISH WASTE LAND IMPROVEMENT SOCIETY, 5, 98. Mildred's-court, Poultry, London,—Notice is hereby given, that the NEXTH HALF-YEARLY GENERAL MEETING of shareholders of this society will be HELD at the King's Head Tavern, in the Poultry, London, on Thursday, the Seit of August next, at One o'clock precisely, in conformity with the provisions of the Act of Incorporation, July 24, 1846.

By order of the committee,—FREDERICK FRY,

TEAM TO INDIA VIA EGYPT, MALTA, ITALY,
ALEXANDRIA, AND THE PENINSULAR PORTS.

PASSAGE TO BOMBAY, MADRAS, AND CALCUTTA.
The Peninsular and Oriental Steam Navigation Company BOOK PASSENGERS for CEYLON, MADRAS, and CALCUTTA direct, by steamers leaving Southampton on the 20th, and for Alexandria, en route to Bombay, on the 1st of every month.

A steamer from Southampton leaves the 1st and 20th of every month for Malta, whence are steamers to Naples, Genoa, Civeta Vecchia, three times a month.

STEAM TO CORUNNA, OPORTO, VIGO, LISBON, CADIZ, AND GIBRALTAS.

A steamer leaves Southampton on the 7th, 17th, and 37th of every month.
Apply at the Peninsular and Oriental Steam Navigation Company's offices, 51, 54, Mary Axo, London, where only passages can be secured throughout.

Control of the last					
A R	GUS	LIFE	ASSUR	ANCE	COMPANY.
A	fall to to the	39, THR	OGMORTON-STR	EET, BANK.	0.0000 12 1/2 1 1/24
			4 of Dauliamand &		

red by Special Act of Partiament, o one o monomin 2 monomin 1 monomin 2 mono

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One third of the Whole Ferus promium may remain unsaid at 5 per cent. comp. Into as a debt upon the policy for life, or may be paid off at any time with our notice.

The medical officers attend daily at a quarter before Two colock.

EDWARD BACKS, Resident Director.

#### HARVEY AND WEST'S PATENT VALVES,

APPLICABLE TO PUMPS OF EVERY DESCRIPTION.

ity of these valves, as eco ect both of trouble and expense, has been proved experience of their GENERAL USE for more

ntees refer to nearly all the water-works, agineers in the kingdom, by whom satisfactory stimonials have been freely given. The principle adopted is that of "OBTAINING

THE GREATEST WATER PASSAGE BY THE LEAST POS-SHEEF PRESSUR AREA," thereby avoiding the great concussion occasioned by the closing of ordinary valves, and the loss caused by letting in air under

the East London Water-Works), the most econoical mode of raising water—vis., by the plunger-mp, and the principle of expansive steam, as prac-sed in Cornwall, was impracticable for water-works

Sketch A shows the manner in which the valves have been applied to air-pumps of steam-engines.
Sketch B, the manner of their application to yamps for lifting water.

The Valves are shown open in both Sketches.

Address Messrs. HARVEY and WEST PRINCIPAL MANUFACTURERS

HAYLE FOUNDRY, CORNWALL.



The Hon. Frederick Ponsonby John Boyd, Esq. M.P. Alex. Anderson, Esq. John Atkins, Esq. Captain Brandreth F. Harrison, Esq.

ROW, MANSION-HOUSE, and the property of the pr

MEDICAL ADVISERS.

Marshall Hall, M.D., F.R.S.; Alexander Anderson, Esq., F.R.S.

SKERTANT - J. Emerson, Esq.

AUDITOSS - R. E. Allson, Esq.; H. H. Cannan, Esq.

SOLICITORS - Messrs. Palmer, France, and Palmer.

The INDISPUTABILITY of the POLICIES granted by this company:—
The obligation to pay the sum assured, although the debt for which the policy obligation to pay the sum assured, although the debt for which the policy we out may have been paid before the claim arises. ole world policies not confined to the limits of Europe. ion of half premium payment for the first seven years. annual division of profits among the participating class, applied to the reduction

aal premiums. form a combination of advantages which can be obtained only from the Logh, and Dublin Life Assurance Company.

ON OF 25 FER CENT. HAS REEN DECLARED UPON THE PREMIUMS OF ALL PAR-LICIES OF FIVE YEAR'S STANDING. ALEX. ROBERTSON, Manager.

## GREAT BRITAIN MUTUAL LIFE ASSURANCE, 14, WATERLOO-PLACE, PALL-MALL, LONDON. THE CHISHOLM, Chairman. WILLIAM MORLEY, Esq., Deputy-Chairman.

GREAT ADVANTAGES OFFERED TO POLICY HOLDERS BY THIS INSTITUTION.

ge and immediate accession of assurances by the transfer of the policies

titish and Foreign Life Assurances by the transfer of the policies of the of the PROFITS DIVIDED annually among the MEMBERS of the PROFITS DIVIDED annually among the MEMBERS of the PROFITS DIVIDED Annually among the MEMBERS of the Profit of the PROFITS DIVIDED ANNUAL TRANSPORTER OF T ong the MEMBERS, after payment

f five annual premiums.

An ample guaranteed capital, in addition to the fund continually accumulating from remiuns, fully sufficient to afford complete security.

CREDIT given to MEMBERS for half the amount of the first five annual premiums than the property of the first five annual premiums.

CREDIT given to MEMBERS for half the amount of the annual premiums, on suitabout security.

CREDIT allowed to MEMBERS for the whole of the first five annual premiums, on suitaboutly security being given for their payment.

Transfers of policies effected and registered (without charge) at the office.

Claims on policies not subject to be litigated or disputed, except with the sanction, in ach case, of a general meeting of the members.

An extremely low rate of premium, without participation in the profits, but with the plion, at any time within five years, of paying the difference between the reduced rates and the mutual assurance rates, and thus becoming members of the society, and entitled as full participation in the profits.

Extract from the Reduced Scale of Rates, for an assurance of £100. A. R. IRVINE, Managing Direc

A. R. IRVINE, Managing Director.

VICTORIA LIFE ASSURANCE COMPANY

No. 18, KING WILLIAM-STREET, CITY.

DIRECTORS.

Sir JAMES DUKE, Alderman, M.P., Chairman.

BENJ. HAWES, Esq., Deputy-Chairman.

Thomas Neabilit, Esq.

Charles Baldwin, Esq., F.R.S.

Aaron Goldsmid, Esq.

James Law Jones, Esq., John Nolloth, Esq.

John Knill, Esq.

John Knill, Esq.

Daniel Sutton, Esq.,

John Knill, Esq.

Other Aften Fill No of ASSURERS is particularly directed to the detailed prespectases of this company. Assurances can be effected on a profit or non-profit cale, and for short periods at a very mederate rate. When on the life of another, the policy may be rendered secure, notwithstanding the life assured may go out of the limits of Europe without the necessary permission of the directors having been previously obtained—this plan makes a policy an absolute security.

y an absolute security.

its of half the premiums for the first five years allowed on policies effected for the
term of life.

rm of life.

ms may be paid annually, half-yearly, or quarterly.

ces are made to assurers on real or undoubted personal security, for terms of

available by instalments.

WILLIAM BATRAY, Actuary and Secretary.

Just published, a new and important Edition, price 2s. 6d.; free by post, 3s. 6d.
PHE SILENT FRIEND: a medical work, on Human Frailty THE SILENT FRIEND: a medical work, on Human Frailty, Nervous Debility, constitutional wealness, excessive induigence, &c.; with 6b-servations on Marriage, &c. By R. and L. PERRY and Co., surgeons, London. Pablished by the authors, and sold at their residence; also by Strange, 21, Paternoster-row; Hamnay and Co., 63, Oxford-street, Noble, 109, Chancery-lane; Gordon, 146, Leadenhall-street; Parkiss, Compton-street, Soho, London.

The CORDIAL Ballm of SYRIACUM is a stimulant and renovator in all spasmodic complaints. Nervous debility, indigestion, asthma, and consumption, are gradually and imperceptibly removed by its use, and the whole system restored to a healthy state of organisation. Sold in bottles, price 11s. and 33s.

THE CONCENTRATED DETERSIVE ESSENCE.—An anti-syphilitic remedy for searching out and purifying the blood from venereal contamination, scurvy, blotches on the head, face, and body, ulcerations, and those painful affections srising from improper treatment, or the effects of mercury, removing secondary symptoms, and all cruptions of the skin, price 11s. and 33s. per bottle; also £5 cases.

PERRY'S PURIFYING SPECIFIC PILLS have long been used as the most certain remody for scorbuit complaints of every description, cruptions of the skin, pimples on the face, and other disagreeable affections, the result of an impure state of the blood. These pills are perfectly free from mercury, capairs, and other deleterious drugs, and may be taken with safety without interference with or loss of time from business, and can be relied upon in every instance. Sold in boxes, at 2s. 9d., 4s. 6d., and 11s. each, by

be relied upon in every instance. Sold in boxes, at 2s. 9d., 4s. 6d., and 11s. each, by all medicine vendors—of whom may be had the Silent Friend.

Measrs Perry and Co. may be consulted at their residence, 19, Berners-stree, Oxford-streett, daily, from eleven till two and five till eight. On Sundays from ten till twelve.

LAMERT ON DEBILITY, NERVOUNNESS, AND ALL DISORDERS ARISING FROM EXCESS, &c.

"He who in pleasure's downy arms Ne'er lost his health, or youthful charms, I me behold a man plant published, the Seventh Edition, in a sealed curvelope, price 2s. 6d.; or free by out the control of the generative system, originating in solitary habits, youthful excess, or infection, and terminating in local and constitutional weakness, nervous debility, mechanically, incapacity, gonorrhes, syphilis, indigestion, insanity, consumption, &c., with plain directions for their treatment and curve. Illustrated with cases. By SAMUEL LAMERT, consulting surgeon, 9. Bedford-street, Bedford-square, London, Hendrary Member of the London Hepstal Modical Society, Licentiate of Apothecaries Hall, London, &c.

"The various positions of lover, husband, and parent, are the inherent privileges of mankind, and, but for the eccidents of mortality, would be awarded equally to all. To such, smong ethers, this essay addresses itself; and, by its perusal, many questions may be astisketenity adjusted that admit of no appeal, even to the most confidential freshold."—

Safford Gaecks.

ord Guette.

4 wholesale by 5. Gilbert, 51 and 52, Paternoster-row; retail by Starie, 23, Tiehbornet, Quatrant; Hannay and Co., 63, Oxford-street; and Gordon, 146, Leadenhall-street,
home daily, from miss to three, and from five tall eight, and immediate replies sent
letters, if accompanied by the consultation fee of £1 for advice, &c.
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Proceedings of Public Companies.

CONSOLIDATED COPPER MINES OF CORRE ASSOCIATION. At a half-yearly general meeting of the proprietors of this association, held at the office of the company, No. 26, Austinfriars, on Monday, the 21st inst., Russell Ellice, Esq. (chairman), in the chair,

The advertisement calling the meeting having been read, the following REPORT.

The advertisement calling the meeting having been read, the following report was read:—

At the half-yearly general meeting in January last, the directors informed the proprietors, that as far as the accounts could be made up for the year 1844, the first eleven months showed an increase of produce of 1946 tons over that of the year 1848, but, from causes over which they had no control, its carriage to the shipping place had been prevented to such a degree as to occasion an accumulation of 7038 tons at the mines at the end of November. Subsequently to that period, the railroad having been brought into active operation, the whole of that produce has been brought to this country, and, though the last of it has but very recently arrived, the directors are enabled to lay before the proprietors the usual audited annual account, from which it appears, that the total quantity of ore produced in 1844 amounts to 22,505 tons, being 2271 tons over that of the year 1848—whilst they are sorry to observe, that the aggregate sales have been less than 1848, though the average quality of the ore has been nearly the same. The difference in price between 1843 and 1844 constitutes a loss of 24,4031. 7s. 8d. sustained by the company from that cause, which reduces the profit on the year's account to 15,0441. 10s. 3d. This amount, with a small balance brought forward from the preceding year, makes the balance of the whole account now produced 17,0071. 10s. 4d., out of which the directors now declare a dividend of 11. per share, payable on and after Thursday, the 7th of August next.

With respect to the present state of the mines, the directors are happy to say, that, notwithstanding that a considerable falling off took place in the first months of this year in the quantity raised, in consequence of one of the lodes in the Ysabelita Mine having suddenly become almost unproductive, the agents write in June, that the prospects at that time were again very favourable in that mine, and the general produce was increasing. The directors are

of this company to the church ground, and that the favourable sentence which they have obtained will be confirmed; they regret they cannot yet announce a decision on the subject.

The directors are happy to say that experiments continue to be made by various parties, both for an improved method of cleaning the ore, and of a more economical method of smelting it; the directors trust at no great distance of time that some of them will succeed, in which case they will not fail to avail themselves of any improvement in these respects which would tend to the advantage of the proprietors.

It is with much pleasure that the directors again bring under the notice of the proprietors the very zealous and unremitting exertions of their esteemed friend, Senor Don Joaquin de Arrieta. Not only does he attend closely to their interests at the Havana, but he has lately done the company a great service at St. Jago, by arranging a most difficult and embarrassing claim made upon the company for an intrusion into an adjoining mine, and for the unintentional extraction of seme ore from it. Mr. Arrieta well deserves the best and warmest thanks of the proprietors.

In their last report, the proprietors were informed, that the directors had sent out Capt. William Reynolds to act jointly with his brother, until a final determination should be formed as to sending out another mercantile agent. The directors have now the pleasure to inform the proprietors that Captains William and James Reynolds have conducted the affairs of the company in Cabs so much to their satisfaction, that at present they have no intention of sending out any other agent, and they trust that those gentlemen will continue to devote the greatest diligence and energy in carrying out the views of the directors, and in enforcing economy in all branches of the expenditure that circumstances will permit.

The directors have much pleasure in making favourable mention of the industry, steadiness, and good conduct of Captain Thomas Maynard, who has recently returned to this

It was moved by the CHAIRMAN, seconded, and carried unanimously: That the report now read be received and adopted. It was then moved by Mr. GRENFELL, seconded by Mr. Shanes, and

It was then moved by Mr. GRENFELL, seconded by Mr. Shears, and carried unanimously:—
That this meeting desires to tender its best thanks to the Senor Don Joaquin de Arrieta for his zealous and unremitting exertions for the interests of the proprietors of this company, but more particularly for the very important service which he has lately rendered to them at St. Jago.

The following resolutions were in the same manner moved, seconded, and carried unanimously:—
That the thanks of this meeting be given to Captains William and James Reynolds, for the very satisfactory manner in which they have conducted the company's affairs at Cuba.
That the thanks of this meeting be given to Captain Thomas Maynard, the other sub-captains, and miners generally, for the industry, steadiness, and good conduct with which they continue to perform their duties to the company.
It was then moved by Mr. GRENFELL, seconded by Major Chase, and carried unanimously:—

at was then moved by Mr. GRENFELL, seconded by Major Chase, and carried unanimously:

That the sum of 1000/. be presented to Mr. Leckie, as a gratuity for his valuable services, and that this meeting do tender their best thanks to that gentleman for the efficient discharge of all his duties as secretary to this company. It was then moved, seconded, and carried unanimously—That the cordial thanks of this meeting be given to the chairman and directors for their able and satisfactory management of the affairs of this company.—The meeting then separated.

COMMERCIAL BANK OF LONDON.

The annual general meeting of the proprietors was held at the new banking-house of the establishment, in Lothbury, on Tucsday, the 22nd. inst., W. R. COLLETT, ESQ., M.P., in the chair.—The advertisement, calling the meeting, having been read, the Chairman opened the business of the day by expressing the great gratification he felt in meeting the proprietors for the fifth time, under circumstances of even greater prosperity and success than on any former occasion. The nature and extent of this success in the business of the bank would be best explained by the report and balancesheet that would be submitted to them, but he could not refrain from congratulating the proprietors upon the new arrangements that had been completed for increasing their capital, which, while it would enable the directors to meet the large increase of business that had come to them, would, at the same time, clear off the whole of the preliminary expenses, that had been incurred of necessity at the commencement of a new establishment. He was happy, also, to have it in his power to announce that, on the most substantial basis of a clear and distinct profit, the directors were enabled to declare a dividend for the past year of 6 per cent, per annum, instead of 5 per cent, as hitherto.—Mr. Cutrillt, the manager of the bank, then read the following of 5 per cent., as hit read the following REPORT.

read the following

The directors have great pleasure in meeting the proprietors in their new house, and in laying before them for the fifth time their annual statement of the affairs of the bank. During the year the number of new accounts has been steadily increasing, and the expectations relative to extending the business of the bank, held out in the last report, have been more than realised. By the accompanying balance-sheet, it will be seen that, after making due allowance for bad and doubtful debts, and deducting all the current expenses of the past year, the net profits amount to 87581. 16s. 4d. The directors have the gratification of declaring a dividend for the past half-year at the rate of 6 per cent. per amum, clear of income tax. After paying the dividends, and allowing for relate of interest upon bills not yet due, there will remain the sum of 1994. 9s. 11d. to be added to the reserve bills not yet due, there will remain the sum of 1994. 9s. 11d. to be added to the reserve fund. An extensive and profitable business being now established, the directors, with the full conviction that they shall be able to find employment for an additional amount of capital, have much satisfaction in amouncing, that they have effected arrangements for such an increase of the number of their shares as will be sufficient to double the present paid-up capital of the bank, and at such a premium as will not only enable them to pay off the whole of the preliminary expenses, but also to make an addition to the amount of the reserved fund. The directors, having availed themselves of the power granted to them at the last annual meeting to declare half-yearly dividends, propose to continue this practice in future, believing that it will be in accordance with the wishes of the proprietors. In compliance with provisions of the Deed of Settlement, the following directors retire from office, and, being eligible, offer themselves for re-election: —J. A. Douglas, E. Oxenford, E. Rennie, and J. Newell; and, their being two vacancies in the direction, the undermentioned proprietors have offered themselves as candidates for election: —E. Cotton and J. Savage.

Dunnee-Sheet.			
Capital subscribed	£500,000	0	- 31
Ditto pald-up	100,000	0	1
Gharantee fund and dividends invested in the purchase of 3 per Ct. Stock	2,514		
Balance due to the customers of the bank	500,728	16	1
ing all charges and current expenses	8,756	16	d
Cash in hand, Government securities, bills discounted, &c	598,913	14	- 15
Cost and value of banking premises, &c	4,000		
Preliminary expenses	9,085		
Balance brought down	8,756	16	14

The report and statement of account, which, from their clearness and brevity, were at once intelligible, appeared to give universal satisfaction

to the proprietors, and having been adopted and confirmed, were ordered to be circulated amongst the proprietors.—A dividend at the rate of 6 per cent, per annum was next desclared, after which the four gentlemen who retired from the direction by relation, were unanimously re-elected, for which E. Oxenford, Esq., returned thanks on behalf of himself and brother directors.—J. Francis, Esq., proposed that E. Cotton, Esq., be selected to fill one of the two still vacant seats in the direction, which having been seconded by J. Taylor, Esq., was also unanimously agreed to.—J. S. Sewell, Esq., conded, the proposition, that John Savage, Esq., be elected to a seat in the direction, which also received a unanimous affirmative.—The Chairman said, that the business of the day being now disposed of, he could not retire from the chair, in which he had felt so much gratification in presiding, without once more congratulating the proprietors upon the prosperous condition of the bank, and, at the same time, doing an act pleasing to himself and just towards their manager, by declaring that much of their success was derived from the zeal, activity, and intelligence of that very efficient officer.—Thanks were then voted to the chairman and board of directors for their attention and ability in the direction of the affairs of the bank for the past year.—After which R. Walker, Esq., M.P., moved the thanks of the meeting to the chairman for the excellent and satisfactory manner in which he had presided over the proceedings of the day, which having been cordially responded to, the Chairman for the excellent and satisfactory manner in which he had presided over the proceedings of the day, which having been cordially responded to, the Chairman had so justly expressed of the valuable services of their manager, by declaring, in a vote of thanks, their entire accordance with that opinion. He, therefore, moved the thanks of the meeting to their manager (Mr. Cabbill), for his very efficient services in their interest.—The proposition was una

UNION BANK OF AUSTRALIA.

their approbation, the meeting broke up.

UNION BANK OF AUSTRALIA.

The annual meeting of the proprietors was held at the offices, Old Broadstreet, on Monday, the 21st inst., J. J. Cummins, Esq., in the chair.—The advertisement convening the meeting having been read, the following report was read by the Secretary:—

BEFORY.

The directors of the Union Bank of Australia feel themselves happy in being relieved, on the present occasion, of the necessity of adverting, at any length, be the commercial distress which has necessarily formed a prominent topic in several of their feed of the present of their feed of the present of their feed of the present of their feed of their such distress still lingeramongst those who had previously become involved is undoubtedly true; but, as regards the Australian colonies generally, the returning tide of prosperity has evidently set in, and so long as the price of their chief staple commodity, only continues to be remunerative, and the colonists combine conomy in their expenditure with industry and enterprise in developing the varied resources of their adopted country, and thereby increasing the amount of their exports, wealth will continue to flow in and reward their exercions. The transition, however, from a state of accessive depression to the full of their control of their co

r	LIABILITIES.			
•	Bills payable	£78,430	2	И
۳	Sundry balances	2,080	19	1
	Bad debt reserve, balance		-	
	Ten per cent, reserve fund	600 - 100		ò
		-113,965	-	
	10,000 11	140,000		
-	Total	P104 476	-	Т
.,		000,000	ó	10.
e		820,000	0	- 1
۰.		024 480	7.	_
y	Total£1	,014,476	. 7	
r	ASSETS.		· .	
-	Dranch accounts, balance			1
8	Bills receivable			
e	Stock, loans on security, and other investments			×
	Insurance on open policies, and miscellaneous	6,978	4	
_	Cash	12,634	13	
	<ul><li>(1) (1) (1) (2) (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4</li></ul>		-	4
	Total£1	.014,476	7	
20	STATEMENT OF PROFITS.	THE COURSE OF		
7	Balance of undivided profit at June, 1844	£42,565	7	1
,	To which is now to be added the profits for the past year			
1	ending at branches Dec. 31, 1844, and at London office,			
7	June 30, 1845, after deducting all current and a propor-			
	tion of preliminary expenses, and making allowance for			
t	all bad debts£55.781 9 5			
1	Deduct one-tenth for reserve fund		14	
1	Deduct one-tenta for reserve mad	-00,208		ď
L		£92,768	7.7	7
a			14	- 1
П	Deduct dividend paid at Midsummer, 1844 £24,600 0 0	-0.0	3.	
	Ditto at Christmas, 1844 24,600 0 0-	-49,200	0	
a		-	-	-
	Balance of undivided profit at this date	£43,568	14	Э
	At June, 1844, as per statement	LEGRE	C	
8	At June, 1844, as per statement	£34,151	13	1
r	Add to June, 1845, as above	5,578	2	11
		-	-	-
1	Total	£39,729	16	2
			4	

Not included in the above balance of undivided profit, and held in addition therto.

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Not included in the above balance of undivided profit, and held in addition therto,

The Chairman said the meeting would have perceived that the directors had, on this oceasion, adopted the plan of printing their statement of accounts, and placing a copy in the hands of each proprietor as he entered the room. They had done this in consequence of having seen the difficulty there was in taking down accurately items of account as they were read by the secretary, and the misapprehension which such difficulty was calculated to occasion among the proprietors with respect to the financial condition of the bank. This sometimes led to questions and discussions which, perhaps, the distribution among the meeting of printed copies of the accounts would have prevented. The directors had in their report endeavoured to place the position of the bank as distinctly as possible before the proprietors. Owing to the extraordinary degree in which discounts had fallen off in the colonies (a strong evidence of the degree in which they had been relieved from the pressure of debt) the directors had in London on June 30 the sum of 481,921. Since that date the amount in London had increased, and at the present moment it exceeded 500,000. With respect to the bad debts, he would observe, that to cover all that the directors had reason to apprehend to be bad, after having wiped off everything that was closed and known to be finally bad, would require 30,666. 15s. That sum was provided for, and remained to the credit of the bad debt account. But as here existed an amount of debt due to the bank for which no security was held, and which was partly at the present moment under legal process of recovery (making, therefore, the amount

of debt likely to be recovered uncertain), the directors had thought proper to state the entire amount as uncovered, and the proprietors would have observed from the report that this sum amounted to 24,900l. It was apprehended that a portion of this must be lost; the directors did not mean to state the entire amount as uncovered, and the proprietors would have observed from the report that this sum amounted to 24,900!. It was apprehended that a portion of this must be lost; the directors did not mean to say that such portion would not be a large one; but the sum, whatever it might be, would come as a charge upon the balance of undivided profits. The directors, however, believed that the balance of undivided profits, which the statement of accounts showed to be 43,568!. 14s. 5d., would enable them to pay the next dividend of 24,600!, that was a dividend at the rate of 6 per cent, per anum, and leave 19,000.—a sum sufficient to cover any loss which the directors might anticipate would arise. This would leave the capital of the bank entire, with the 10 per cent. surplus—viz., 39,729!. 16s. 3d., after having wiped off all the debts the directors believed to be bad, and having reserved a sum which they thought sufficient to cover anything doubtful. When they considered the danger to which all banking establishments in the colonies had been exposed for some years, he thought they were not assuming too much, either for themselves or the inspector, when they stated their present position to be a most satisfactory ons. He had in his hand an official return of all the banks in the colonies up to the 31st December last, and in which there was one item particularly deserving of notice—viz., the return since the year 1841, of the amount of bills under discount. The reduction amounted to 1,000,000!. This would account for so large a portion of capital having been transmitted to this country, and which must wait for employment till commerce resumed its full activity. Having made these remarks on the statement of accounts, copies of which gentlemen held in their hands, he begged to say he should be happy to answer, as far as was in his power, any questions honourable proprietors might be disposed to put to him.

Mr. Levy thought the report a very satisfactory one, and he felt the proprietor must be of opinion th

D

meeting broke up.

#### IMPROVEMENTS IN THE STEAM-ENGINE. X TO THE EDITOR OF THE MINING JOURNAL.

SIR,-In considering any question, involving complex propositions, I have for some time thought, that to have first a distinct understanding of how far principles are proved, so as to admit of no reasonable doubt, and, therefore, suited to form the foundation of what we seek to prove by, or infer from, them, that much time may be saved to ourselves, in gaining a clear conception of the subject we desire to investigate, together with the advantage of narrowing the question for those who may consider it with candour and impartiality. It has also the further recommendation, that cavilling and sophistry cannot so easily slide away from the question at issue, until, by dexterity and art, it carries away the palm of victory, and thus robs mankind of the substance, whilst it beguiles them for a time with the shadow; herein, if I mistake not, consists the bulwark of science, hence the source of its rapid strides, in subduing and converting the elements into a suitable and most powerful means for alleviating the physical wants—aye, and advancing the moral and intellectual supremacy of the human race. The steam-engine differs from other machines, in that it is compounded of two distinct properties, those from which the motive power is produced, and those by which this power is made to act in any particular direction. The first is based on a few simple principles; the latter can and doth assume various forms and directions. As my aim is to inquire how far the motive power may be rendered more safe, economical, and portable, I take is for granted—ist, that as air and coal arc he materials from which the heat is evolved, which, as it were, gives life to the whole, it is desirable, if practicable, that this heat be evolved, as required, so as not on the one hand to pass away in waste, or in the explosion of the boiler; or, on the other, to be deficient for the work required. Next, as the expansion which heat gives to the water is the only original source of power, which, together with the fact that, by the same amount of heat therefore, suited to form the foundation of what we seek to prove by, or the boiler; or, on the other, to be deficient for the work required. Next, as the expansion which heat gives to the water is the only original source of power, which, together with the fact that, by the same amount of heat, a pound of steam may be made to produce an amount of mechanical effect proportionate to the pressure, with which it first impinges upon the piston, and to the degree of rarefaction to which it may be expanded by the removal of the atmosphere. These are the two first and most prominent principles, neither of which will require proof from me to avail ourselves of these to the fullest extent consistent with safety and portability; other principles demand our consideration—first, those relative to the transmisof these to the fullest extent consistent with safety and portability; other principles demand our consideration—first, those relative to the transmission of the heat to the water; here, too, I think, all reasonable evidence goes to show, that the thinner the plates between the water and the fire, together with as large a surface for the fire to act upon, as can conveniently be obtained, are the principles by which we may expect to realise the greatest evaporation from any given amount of coal, and, at the same time, the least deterioration of the metal in the boiler. Next comes a question of the first importance, because on it depends not only safety from explosions, but a great extension of the expansive power of steam, and, at the same time, compactness and portability, with much surface and thin metal. The kind of boiler that possesses all these properties, I apprehend there will be little question, is the tubular. Having gone thus far, we come to an opposite process; the abstraction of the heat, with the retention of the same water, thus shrunk to its primitive volume, is again passed to the boiler, there to be recharged with heat, and so on, in an almost endless succession, the same water becomes a never ceasing agent in our hands, for the realisation of the varied purposes to which the steam-engine is applicable. Of the two modes (radiation and conduction) by most endless succession, the same water becomes a never ceasing agent in our hands, for the realisation of the varied purposes to which the steamengine is applicable. Of the two modes (radiation and conduction) by which heat is given off from the hotter body to the colder, the latter being the one principally employed in the condensation of the steam, I shall confine my remarks to it alone, and here, I think, we have much reason to believe, that the ultimate particles of all bodies have not only the same capacity for heat, but also receive or absorb heat with equal rapidity, and that their difference in absorbing heat, when in the solid, liquid, or gaseous form, depends, for the most part, if not altogether, upon the rapidity with which such particles can be brought into immediate contact with the hot body. Liquids in their ordinary state, when the hot body is immersed in, or the heat applied to, the bottom of them, possess this property naturally in a much higher degree than either of the other states of matter; for, although the gaseous state gives rise to currents much in, the same way as the liquid, yet, when we consider the great disparity of volume between any given number of atoms in that of the gaseous state, compared with its volume in the liquid, we have little difficulty in accounting for the disparity which exists in their cooling effects, from the fact, that, in their natural state, they do not come so rapidly into immediate contact with the hot body, as must those of the liquid. If this view be correct, it follows that by artificially bringing the particles of the atmosphere rapidly into contact with the hot body, it will become as quick an absorber of heat as still water of the same temperature; it also follows, that the cooling power or water may be very much increased by the same means. To form an adequate conception of these two principles, I made many experiments, which clearly proved, that not only was the heat given off with greater rapidity by increased motion, but, also, that artificial m

importance, as the body we wish to cool, and the medium used for the purpose, approach each other.

I think the simple practical question which here presents itself is, that in reference to condensing or cooling with air or water, motion becomes as essential as surface, whilst by the due combination of the two much may yet be effected by water, where it is obtainable, without throwing it into the condenser, and thereby diminish much of the resistance to the airpump, as well as preventing the injurious effects from deposit on the boiler and fuel; and, where water is not obtainable, we certainly can realise all the advantages by the air alone, a supply of which is always at hand, though we should dart at a railway speed of 100 miles per hour. On reviewing the forestated principles, four material questions present them-selves for our consideration—first, the evolution of heat in such quantity, and at such times, as we desire; this effect we know can be realised, if we could regulate the admission of air into the furnace, so as to cause heat to be evolved, in proportion as we draw it off from the boiler in the steam—I have previously given a description of the manner by which I effect this object. I pass, secondly, to the fact, that equal weights of steam will produce a greater mechanical effect, the greater the pressure under which it is generated; the certain inference from this is, that, within the range of practicability and safety, that must be the most economical system which avails itself most of this, the expansive, property; all candid and unprejudiced reflection on this matter will, I think, bring us also to the conclusion that

what may be the limits of practicability and safety at any time by the then known appliances, may not be its limits when other principles are developed. Thirdly, we know for certain that fluids act equally in all directions, and that, therefore, their tendency to burst the vessel containing them, is as much dependent upon the number of square inches in the sides of the vessel or boiler, as upon the number of pounds pressure per square inch. No fact in the whole range of science is better established than this, nor any more neglected; yet, if I mistake not, it is to this fact that we must look for greater safety from boiler explosions. As this principle clearly points out the form of boiler best suited to bear pressure with safety, so also will that boiler, at some future day, be acknowledged to possess all that we require to extend the expansive principle, to insure abundance of steam, great extent of surface, with lightness, together with economy and compactness. If it be allowed us to conceive that the steam-engine hath not yet attained the universality of utility of which it is capable, then of steam, great extent of surface, with fightness, together with economy and compactness. If it be allowed us to conceive that the steam-engine hath not yet attained the universality of utility of which it is capable, then are one and all of these matters of essential importance. The fourth, and last, question arising out of the principles stated, is one on which, to a considerable degree, depends the extended practicability, whereby advantages as great, or greater, than those now realised by the Cornish engine, may be obtained in all situations, and under all circumstances—viz., the condensation of the steam, and the continual circulation of the same pure water to and fro between the engine and boiler, which, by preventing deposit, and insuring a supply of pure water, removes the difficulty hitherto experienced in the use of tubular boilers; it also does much more than this, by extending the expansive property of steam in the opposite and best direction, by the removal of the atmosphere on the production of the vacuum. Having thus enunciated principles well established, and pointed out the direction they alone warrant us to expect any considerable extension of one of the most useful and most inexhaustible resources within the reach of man to enrich and benefit the world, and also given the experimental proof arising from the embodying of these principles, in what I have designated the universal condensing engine, which hath called forth the sneers of some, but which I have yet to learn is an inappropriate appellation, and, what is more—whether it be so or not—is of very little moment as long as the evidence in attestation of the facts I have stated stand out as clear to any one, who will open their eyes and examine it, as the sun at noon-day; but, what is more—whether it be so or not—is of very little moment as long as the evidence in attestation of the facts I have estated stand out as clear to any one, who will open their eyes and examine it, as the sun at noon-day; but,

who will open their eyes and examine it, as the sun at noon-day; but, what for this?—my adversaries are numerous and powerful, and I, an individual struggling for what I deem to be true and useful. With this view before us, one is tempted to ask what can be expected but its suppression? perhaps, nothing; but, if it be founded in truth, here must their victory end, for perhaps, nothing; but, if it be founded in truth, here must their victory end, for they cannot destroy it. In conclusion, I could desire the serious attention of all candid men to the following test—of which is the direction we may fairly expect a further devolpment of the power of the steam-engine. Here, I know not that I can do better than call up to the reader's mind the facts which hath marked its several eras, and from which, as the centres, it hath on the discovery, or application, of each successive fact, enlarged the circle of its utility; these each and all take their rise in the principles before the discovery. stated—that water charged with heat becomes an elastic air, which, under such pressures as used in the steam-engine, one cubic inch of water be-comes several hundred inches of steam, together with the fact, that, by the abstraction of this heat, it again becomes water. In Savory's engine, these principles were directly seen and indifferently applied. Newcomen brought to it clearer conceptions and better appliances; and Smeaton seems to have extended these principles as far as they were admissible. Watt follows, and brings to it another fact directly bearing upon the question of a given quantity of heat to produce an increased mechanical effect. The ingenuity

and brings to it another fact directly bearing upon the question of a given quantity of heat to produce an increased mechanical effect. The ingenuity and talent that hath been applied to it, from his day to this, have wonderfully extended, if not exhausted, this fact, or system.

Now, I merely desire the reader, as I have long desired the public, fairly to consider whether or not the facts, combinations, and results, produced experimentally by the first, and that an experimental engine, as detailed in my pamphlet, are not such as to warrant us to expect an equally extended and beneficial result. I believe I am right if I aftirm that the extended and beneficial result. I believe I am right if I affirm that the saving in coal, consequent upon the condensation of the steam with the pure water, and other advantages attendant thereon, is equal to two-thirds, when compared with the common non-condensing engine; but, as I have long been conscious of my ill-supported position, I have always taken care to entrench myself behind the shield of truth and experiment; conscious that, without this, I should have been long ago swept away by the torrent of opposition. I will not, therefore, draw too largely upon so staunch a supporter, but put the saving at one-half. Now, for a moment, let us glance at the other part of the steam-engine, and see what chance there be of realising anything like such increased economy by any improvement in of realising anything like such increased economy by any improvement in its mechanical construction. I believe that the best constructed engines do not, at present, absorb more than a fifth of their power in friction; if, not, at present, absorp more than a firth of their power in fraction; if, therefore, we can suppose an engine so perfectly constructed, with such accurate fittings, as to move itself without steam, or other motive power, why, then, of course, we should gain one-fifth, but I have yet to learn that this be equal to one-half. It is probable that I shall be able to make some further experiments on this matter shortly; if so, I will, Mr. Editor, with your permission and indulgence, set them before the public.

Birmingham, July 23.

T. CRADDOCK. with your permission and in Birmingham, July 23.

IMPROVEMENTS IN THE MANUFACTURE OF IROX.—At the late meeting of the British Association, at Cambridge, Dr. Lyon Playfair read a report, prepared by Prof. Bunsen and himself, on the chemical changes occurring in iron furnaces. During many years the attention of scientific men on the continent had been directed to the employment as fuel of the combustible gases that escape from the mouths of furnaces. Dr. Playfair and Prof. Bunsen have carefully examined the gases taken from the different heights of the furnace, and gave tabulated results of their analyses, the results of which were that for the depth of twenty-four feet down the body of iron hot-blast furnaces worked with coal there is no available heat for the melting of the metal, the whole of the heat for that extent of the furnace being employed in distilling the coal. The important fact which they established by their experiments is, that in common hot-blast furnaces, as at present employed, 91 per cent, of the heating power of the fuel is lost—that is, only nine parts out of one hundred are effective, the remaining portion being carried off in gases. It was proposed, therefore, to collect the gas as it issues from the furnace mouth, and to employ it usefully in various parts of the works, though they did not recommend the re-introduction of such gas into the furnace for smelting the metal. Dr. Playfair said that these researches had led them to the consideration of a new system of manufacturing iron, which would produce a complete revolution in the present mode, but they had not had sufficient time to digest the plan to authorise them to recommend it to the association; it would form the subject of their labours for the next year.

MALLEABLE GLASS.—The Segusian Mercury states that a most mar-IMPROVEMENTS IN THE MANUFACTURE OF IRON.—At the late m

MALLEABLE GLASS.—The Segusian Mercury states that a most marvellous discovery has been made at St. Efienne, of rendering glass as malleable when cold as when first drawn from the pot. This substance, which is called silicon, combines with various substances producing the most brilliant colours, and can also be obtained opaque or transparent as crystal; its specific gravity is 2.85, water being 1.00; it is very ductile and malleable, and neither air nor acids act upon it. The idea of discovering malleable glass is only ranked second to that of the philosopher's stone among alchymists, and the latter will doubtless be the next discovery made, for the one is as probable as the other.

Fire-proof Cement.—An experiment, to test the qualities of Yates's fire-proof cement for buildings, took place in the fire police-yard, Clarence-street, Manchester, and which proved highly satisfactory. A wooden hut having been erected, six feet high, with a gable roof, and an opening to act as a chirmey, it was plastered, in the usual manner, on the inside, over lathes, with the fire-proof cement. At two o'clock in the afternoon a fire was kindled inside, and kept up to a great height, pieces of different kinds of metal were suspended from the roof, and so metal were suspended from the roof, and so metal were suspended from the roof, and so metal were being extinguished, the wood-work was carefully examined, and found uninjured, having been completely protected by the cement. It is applicable, not only to walls and ceilings, but pillars and floors; and, in fact, any part of a building may be coated with it. It takes a high polish, and has a very ornamental appearance.

\*\*Proception Aced Controlungs.\*\*—M. P. Thenard has discovered that by

A very ornamental appearance.

New young a stream of chlorhydrate of methylene over the phosphuret of lime in excess, at a temperature varying from 180 deg. to 300 deg., he obtained five new bodies, two solid and three liquid. He only analysed one of the latter; it is a new colourless liquid, of a hot and hitter faste, of a smell which bears a great similarity to that of ammonia boding at a heat of hetween 40 deg. and 41 deg. (centigrade), easily absorbing oxygen, and being then changed into an acid.

Some merchants at Hamburgh have sent a large quantity of ice to Brazil, and expect that it will prove a most profitable speculation.

MINING IN RUSSIA.

According to an official statement, the production of the precious me tals during three periods of ten years each, in the Russian empire, is thus

GOLD NOT		D.		America	
Crown mineskilos. Private mines	1813-23 2,835				1833-43. 25,897 57,108
Totalkilos,	3,453	Co.	30,705	e le les	83,005

Of this production 97,500 kilogrammes were from the Ural mines about 20,000 from those of Siberia, during the thirty years. Crown mines in Siberia, same periods. 212,635 ..... 200,842 ..... 199,210

that is, for 180 years:-From 1664 to 1743 ... From 1742 to 1762 From 1762 to 1797 From 1797 to 1801 From 1801 to 1826 From 1826 to 1844 63,279,886 3,468,572 344,638,092 . 191,508,401

This sum is equivalent, as measured by the actual course of metallic values, to 545,360,317 silver rubles. There was struck besides copper coins for the value of more than fifty millions of silver rubles.

## THE MINES OF ALGERIA.

An interesting, and also a correct account, of Algeria, or Northern Africa, is now likely to be obtained, as the French Government has appointed a commission to inquire into its mineral resources, its agricultural productions, and the commercial benefits likely to be derived by the colonists, who are emigrating to this once barbarous territory, and den of pirates. M. Benon, a member of the scientific commission, remarks that, although Algeria is not a country very abundant in mines, it offers many favourable resources to mining operations. The nature of these mines varies so much, that it would be rather difficult to classify them, but the following are the most abundant:—Magnetic iron, in the environs of Constantina; iignite, near Smendon; sal gemma, near Mila; lead at Buthaleb; oxide of manganese and sulphate of lead, in the vicinity of Argel; grey copper and carbonate of iron, in the wood of Olivas, between the defile of Muzaia and Medcah; iron, near Miliana; lead at Onanseris; iron, lead, and cop-per, to the south of Mascara; magnetic iron at Bona. The soil in the viand Medeah; iron, near Miliana; lead at Onanseris; iron, lead, and copper, to the south of Mascara; magnetic iron at Bona. The soil in the vicinity of the city of Bona incloses streaks of oxidised magnetic iron, or oxidulated iron, but not to any very great extent. These mines, it appears, have been partly explored in former times, as the superfices of the earth displays, and according to the early Arabian records. The position of the above mines is very favourable, the minerals they contain very rich, and of excellent quality. The adjacent woods would be of great advantage in working them, and small merchant ressels enter the river as high as the foot of Ben Hamra. The want of a waterful capable of working tage in working them, and small merchant vessels enter the river as high as the foot of Ben Hamra. The want of a waterfall, capable of working wheels or any other indispensable machinery, is one great drawback to the establishing of smelting-houses in the vicinity of these mines, but workmen could be easily obtained, a part of whom might be Arabs, the same as it is in other parts. In the vicinity of Philippeville, and near the mouth of the River Onet Sefsaf, there is to be found magnetic iron, and other minerals. At the distance of 43 kilometres to the south-east of Constantina, there exists a copper mine which had been worked in the time of the Romans, and is called Ain-Nhas; the Arabs state that it still possesses some extensive excavations, and is rich in ore. This is in perfect accordance with the notices made in the works of many Latin authors, who state they were excavated primitively in the earlier ages. It would be very easy to explore this new mineral kingdom.

The Lead Mines of Buthaleb.—These mountains are situated at the distance of 50 kilometres, south of Sthif, and contains some very consider-

The Lead Mines of Buthaleb.—These mountains are situated at the distance of 50 kilometres, south of Schif, and contains some very considerable lead mines, which had been explored by the Kabylas, who extracted the galena to sell it in the different markets in the interior. This range of mountains abounds in water, and is covered with thick forests; the summits are 1815 metres above the level of the sea, and from 800 to 1000 metres above the surrounding plains. At the foot of them is the town of Sthif; without leaving the plain, its ascent is very steep, and its inhabitants have not yet submitted to the French.

Bugia.—In the vicinity of this city is a territory occupied by a tribe of Beni-Sliman, from whence the Kabylas have brought us, at various periods, some fine specimens of specular iron, iron pyrites, sulphuret of copper, and other ore. All we know is, that these people manufacture an immense quantity of iron, and no doubt some important manufactories might be established in that generally. dished in that quarter.

tablished in that quarter.

\*The Copper and Iron Mines of Olivas.—These mines, known by the name of Teniah, are 500 metres above the level of the sea. The strata is traversed by veins of carbonate of iron, in the middle of which is the grey copper mixed with a portion of sulphate of barytes, and green and blue carbonated copper; they are between 1 and 2 metres in length and thickness. This district is very rich in minerals, and by experiments made by M. Berthier, he found that they contain a large portion of antimony. There is plenty of water and wood to work them. Near Miliana, there are some very rich minerals, and Abd-cl-Kader has erected several smelting-houses. In the vicinity of Argel, there are some important beds of oxidised manvery rich minerals, and Abd-el-Kader has erected several smelting-houses. In the vicinity of Argel, there are some important beds of oxidised manganese, which is equal to \(\frac{15}{100}\) of its weight of pure peroxide. A large quantity of galena has been discovered at Buxarea, also some manganese. By experiments made at the Royal School of Mines, in Paris, after the mineral had been washed, it produced 0.739 of lead, and 0.00222 of silver; and on applying nitric acid, there was found a small portion of gold in the latter. Between Tagdempt and Miliana, at the elevation of 1800 metres above the level of the sea, is Mount Onanseris, where there are extensive lead mines; and at Mascara, 30 kilometres to the south, there are extensive lead and copper mines well known to the Arabs, and plenty of wood and running water to work them. At Oran there is a large portion of iron, and at Mila, in the vicinity of Constantina, is found a large quantity of rock salt much used by the Arabs, who dispose of it at all the neighbouring markets. In fact, there is scarcely any part of Algeria that does not offer the greatest resources to mining operations and European enterprise.

IMPROVED METHOD OF OBTAINING COPPER FROM THE ORE.—Mr. W. H. Ritchie has taken out a patent for an improvement in the methods hitherto adopted for reducing ores by galvanic currents—the practice hitherto having been to keep separate the solutions of copper from the hitherto having been to keep separate the solutions of copper from the exciting liquor employed. By this process, after the ores have been eal-cined in the usual way, they are mixed with sulphate of iron or zine, in crystals. In roasting the ores, a quantity of sulphate of iron is also to be added, equal to about one-fifth of the copper in the ores; the calcined ore is then to be dissolved, and placed in a vessel, with a solution of sulphate of iron as the exciting liquor. A generating surface of east-iron is then introduced, which, being connected with the copper by a plate of lead, the copper in the solution will be deposited on the leaden surface. The patentee claims for combining the sulphate of iron or zinc with the roasting ores; sécondly, having the exciting liquor in connection with the copper solution; and thirdly, in using cast-iron for generating surfaces.

MANUFACTURING POWER OF BIBMINGHAM.—The advantages of steam machinery have made a most wonderful change in the manufactories of this country within the last forty years. At the time the small armoury was burnt down in the Tower of London, when there were nearly 150,000 muskets and pistols destroyed by this greatly to be lamented catastrophe, the gun manufacturers of Birmingham immediately addressed the Government to make up the loss of so fine a display of English musketry, by entering into a contract to furnish any number that might be required, as they have such powerful machinery that they can produce a well-finished musket at the rate of one a minufe. John Bull need, therefore, have no fear of not being able to procure a sufficient supply of arms on emergency.

A SAVING IN FUEL ON RAILWAYS .- We understand that two eminent French | engineers and ship-builders of Havre-de-Grace have come over to London the express purpose of taking out a patent for the saving of fuel in the propel-ling of locomotives on railways, and also for steam-vessels. The saving is by a concentrated heat power, when less than a quarter of the regular quantity of coal or coke is required, whilst it will have a much larger force than at present, and unattended with the fear of an accident. The invention has been patronised by the Minister of Marine, and the leading directors of the different railways throughout France, where a patent is also being taken out.

THE CROYDON ATMOSPHERIC RAILWAY.—The works are now nearly finished, and the greater part of the pipes have been laid down, so that in all probability, according to the expectations of Mr. Cubitt and Mr. Gregory, the trial line, from New-cross to Croydon, will be open next week, or the week following, at the latest. Several distinguished noblemen and engineers have visited the works during the last week, and also many foreigners of high note in the scientific world, who have expressed themselves highly pleased at this wonderful improvement in railway travelling. Should this prove successful, of which there is very little doubt, the company will extend it to Newmarket and Portsmouth, as a direct line to that great scaport as soon as granted.

there is very little doubt, the company will extend it to Newmarket and Portsmouth, as a direct line to that great scaport as soon as granted.

Strasbourg and Paris Railway.—The projet du loi for the line of railway between Strasbourg and Paris has passed both the French Chambers this session, but as it stipulates that there shall be branches to Rheims, Metz, and Saarbrack, we perceive it has been necessary to increase the capital of the company to 125,000,000 francs, or 5,000,000/L, which is divided into 250,000 shares, of 500 francs, or 20L each. The directors of this company, under these mexpected circumstances, when they introduced the scheme for the approval of the Chambers, conceive that they would best consult the interests of the shareholders, by forning a junction with an influential company in France, in consequence of which they have united themselves with the Count de Monthion's company, which has already four-fifths of the capital subscribed. Overtures have been made for other junctions. There is no time for the deposits to realise interest to meet the expenses, but the accounts will be submitted to a general meeting, to be called within one month from the decision of the French Government, which is expected to be obtained in September. By the law of France, the Minister of Public Works cannot defer the adjudication of the line beyond forty days after the projet du loi has passed, so that subscribers will not remain long out of their money. This line, when completed, will be one of the most advantageous of the railway speculations in France, as the traffic between Strasbourg and Paris is very considerable, and the number of passengers greater than on any of the north-eastern points of the country. This district is most fertile, and is remarkable for iron, lead, and other ores, as well as extensive beds of coal, the greater part of which will soon be brought into work by the passing of a railway, the want of conveyance being the general drawback in France to large mining speculations.

CENTRAL OF SPAIN RAILWAY.—Great activity prevails in the engineering department of this railway. There are at present four engineers and a number of Spaniards engaged on the first section of the line from Madrid. We are informed that fourteen additional engineers and surveyors leave Loudon this day per sail for Southampton, as route to the Spanish capital, to complete the survey, and enter on the works at the earliest period practicable. This is doing things in earnest, instead of wasting valuable time and money in squabbling, as in the British Parliament, for the right to construct a railway. Before one-half of the projected lines in this country obtain their Acts of Parliament, the works on this line will be in extensive progress. Captain Pilkington, the chief engineer, is well known as a man of activity and energy.

Engineer, is well known as a man of activity and energy.

Newext and Enxiskillen Rallway.—We stated in our last that the shareholders in this undertaking, to which the Royal Assent was given on Monday, were particularly fortunate in being exempt from any call for at least two months to come, owing to the prudential management of the directors. We have now the additional satisfaction of congratulating the scripbolders on the fact, that at a meeting of the committee, at the office, in Moorgate-street, this week, it was found there would be no necessity for a call for at least five, most probably six, months. Not only will the making of the whole of their own line be intrusted to the Newry and Enniskillen directors, but the making also of that important portion offit from Clones Common to it, and the Dundalk line. The work will forthwith be commenced by Sir John Rennie, who, for seventeen years and upwards, has been the engineer of the Government undertakings in the neighbourood of Newry, and has a local, as well as a merely professional, anxiety to make the railroad in the shortest possible period. Of the lines in the north of Ireland, for which bils have been procured this session, or will be applied for next, no less than five are direct and important feeders to the Newry and Enniskillen, the value of which will, consequently, be enhanced greatly beyond the estimate originally formed, though that was proved before the committee of the Commons to be within the reality, when it assumed 8½ per cent. as the dividend on the capital.

Newex, Armach, and Londondershylunction Rallway, From Armach

As the dividend on the capital.

Newey, Armagh, and Londonderry! Junction Railway, from Armagh to Omagh.—We have always considered the development of sound and loose fide railway enterprises in Ireland as the very best specific for the many evils under which that unhappy country labours. It is, therefore, with feelings of numixed satisfaction, that we hall the appearance of the Newry, Armagh, and Londonderry Junction Railway. A glance at the map will show the absolute necessity of this line, and its importance will further appear from the fact, that it will complete the chain of communication in the north of Ireland, by connecting together the following great railways—viz, the Newry and Emiskillen; the Londonderry and Emiskillen; the Armagh, Coleraine, and Portrush; the Dublin and Armagh Inland line, and the Ulster and Belfast. It does not compete with any line projected, or in course of formation, and it has accordingly received the strong approval and energetic co-operation of the companies just now enumerated. On the provisional committee, we observe the names of the noblemen and gentlemen, as well as of the leading merchants and manufacturers in and near to the various localities through which the line passes. In these days of bubble speculations, it augurs well for the soundness and ultimate success of an undertaning, when we find the whole local proprietary, and the mercantile and trading interests, warmly combining in its support. This line, we predict, will be a great favourite with the public, and already we precive that the shares are quoted at a considerable premium in the market, though the project has not appeared many days, and the allotment has not yet taken place.

MEETINGS OF PUBLIC COMPANIES DURING THE WEEK.

A.—South Metropolitan Cemetery, at Twelve.

A.—South Metropolitan Cemetery, at Twelve.

A.—Sentish Ceast Ealiway, at One—London and Blackwall Railway, at Twelve.

BAY.—Royal Bank of Australia, at Twelve—United Mexican Mining Company, at One—Dansstable Railway, at One—Copiago Mining Company, at One—Lowestofi Bailway and Harbour, at Three.

DAY—Bastenne Bitumen Co., at One—London Rever. Interest Society, at One.

"West of London and Westminster Cemetery Company, at One.

INDIAN METAL MARKET .- By the Overland Mail.

INDIAN METAL MARKET.—By the Overland Mail.

CALCUTTA.—The metal market remains unusually dull, the sales being quite unimportant, and for local purpose alone, there being no demand whatever from the upper rovinces—meanwhile holders show no disposition to realise their stocks in the face of variabled shipments from Engiand.—The sales of copper have been very triding, though ormer rates are maintained.—In spelter the demand continues most limited, and, though orsent quotations are much under cost, there appears no inclination on the part of the native dealers to speculate.—There is no change to report in the position of the market or iron, and the sales have been very triding, the dealers showing no inclination to lay a stock at the advanced rates demanded.—We have heard of no transactions in steel.—I small sale of pig-lead has been made at a quotation rather lower than last rates.—Tin lates have improved in value.

CANTON.—Lead has become very saleable at improved rates, but iron continues with unimprovement, and is marked at rates most ruinous to importers, and it is marter of urprise that they should be submitted to, as the consumption is going steadily on, and upplies must cease for some time.

### COAL MARKET, LONDON.

MONDAY.—Price of coals per ton at the close of the market:—Chester Main 14— avison's West Harley 15—New Tanfield 13 6—Smith's Pontop 13—Taylor's West Harr 17 14 6—Tanfield Moor 16—Tanfield Moor Butes 13 6—West Wylam 14 9—Wylam 14 167 14 6—Tanneld Moor 16—Tanfeld Moor Bates 13 6—West Wylam 14 9—Wylam 14 to 14 3.—Wall's End Killingworth 15—Wharneliffe 15 9—Eden Main 16 3—Braddyll's Hetton 17 3 to 17 6—East Hetton 15 6—Haswell 17 9—Hetton 17 6 to 17 9—Lambton 17 3—Stewart's 17 9—Hartlepool 17 6—Heugh Hall 16—Kelbon 16 9 to 17—Adelaide 16 9—Barrington Tees 14—Brown's Deanery 16—Richardson's Tees 15—Tees 17—West Toes 15—Graigola 21—Hartley 14 6—Morgan's Stone 22 6—Eden Hartlepool Cinders 23.—Ships arrived, 43.

—Ships arrived, 43.

West Hartley 15 6—New Tandeld's West Hartley 15 6—Carr's Hartley 15 6—Davison's West Hartley 15 6—New Tandeld 13 6—Original Tandeld 13 6—Old Pontop 13 6—Ord's Redbeugh 13—Ravensworth West Hartley 14 6—Stewart's Steam 14—Taylor's West Hartley 15—Tandeld Moor 16—Tandeld Moor Butus's 13 6—Townley 14 3—West Wyam 14 9—Wylsm 13 9 to 14—Wall's End Killingworth 15 3—Eden Main 16—Braddyll's Hetton 17 3 to 17 6—East Hetton 15 6—Fulwell 17—Hawell 17 9—Hetton 17 6—Lambton 17—Pemberton 15 6—Russell's Hetton 17—Richmund 15 9 to 16—Stewart's 17 6—Caradoc 17 3—Hartlepool 17 6—Heugh Hall 16—Kellos 16 9 to 17—Trindon 17—Adelaide 17—Adelaide Tees 17—Brown's Dennery 16 3 to 16 6—Eden Hartlepool 15 9—Maclean Tees 15 6—South Durbam 16—Tees 17—West Tees 15—Hartley 14 6—Ships, 106.

ces 13 e — South Dunham 16—Trees 17—West Trees 15—Harrley 14 6.—Ships, 166.

FRIDAY.—Buddie's West Hartley 15 6.—Chester Main 14 9.—Haritings' Harrley 14 6.

Holynell Main 13.—Old Pontop 13 6.—Eavensworth West Hartley 14 6.—Tamfield Mogr.

—Tamfield Moor Bute 13 6.—Townley 14.—West Hartley 15 6.—West Wylam 14 9.—

all's End Hilds 16.—Killingworth 15 6.—Riddell's 16.—Walker 15 6.—Eilen Main 16 3.

Brasklyll's Hetton 17 9.—Haswell 17 9.—Hetton 17 6 to 17 9.—Lambton 17 6. Russell's

etton 17.—Stewart's 17 6.—Caradoe 17 6.—Hartleyool 17 6 to 17 9.—Kelloe 17 to 17 3.—

delaids 17 3.—Maciean Tees 18 3.—Richardson's Tees 16.—Tees 17 3.—Hartley 14 6.—

griley Cinders 24.—Ships arrived, 31.

THAMES TUNNEL COMPANY.

aber of passengers who passed through the Tunnel in the week ending July 18, ; amount of money, 92/, 18s. 3d.—(Last year, 110/. 18s. 4d.)

ASTERN COUNTIES RAILWAY (CAMBRIDGE LINE).—
OPENING OF THE LINE FROM BISHOP'S STORTFORD TO ELY, and, in cosjunction with the Norfolk Railway, to NORWICH and YARMOUTH.—REDUCTION OF FARES TO HERTFORD AND STORTFORD, &c. The public are informed, that, on and after Wednesday, the 30th of July inst., the TRAINS will RUN as follow:—

BOWN TRAINS FROM LONDON.

8 0 a.m. to Hertford and Cambridge
13 0 — to Brexbourne
9 30 — to Brexbourne
9 30 — to Hertford and Cambridge
11 30 — to Ely, Norwich, and Yarmouth (fast train)
12 0 noon to Hertford
2 0 p.m. to Cambridge
9 2 15 — to Hertford, Ely, Norwich, and Yarmouth (third class)
3 20 — to Hertford
4 30 — to ditto
5 0 — to Ely, Norwich, and Yarmouth
7 to — to Hertford and Cambridge noon to Hertford
p. m. to Cambridge
to Hertford, Ely, Norwich, and Yarmouth (third class)
to Hertford
to Hertford
to ditto
to Ely, Norwich, and Yarmouth
to Hertford and Cambridge
to Broxbourne
UP TRAINS TO LONDON.
a.m. from Broxbourne 7 50 a.m. from Broxbourne
7 0 — from Cambridge and Hertford
5 15 — from Yarmouth, Norwich, and Ely
9 30 — from Ely and Hertford (third class)
12 30 p.m. from Hertford
9 30 a.m. from Yarmouth, Norwich, and Ely (fast train)
3 30 p.m. from Hertford
4 50 — from ditto
4 0 — from Cambridge
7 99 — from Hertford 40

3 0 — from Yarmouth, Norwich, and Ely

ON SUNDAYS.

DOWN TRAINS FROM LONDON.

7 0 a.m. to Hertford, Ely, Norwich, and Yarmouth
9 0 — to Broxbourne and Hertford
3 0 p.m. to Hertford, Ely, Norwich, and Yarmouth
7 0 — to Hertford and Cambridge

UT TRAINS TO LONDON.
7 0 a.m. from Cambridge and Hertford
6 30 — from Norwich, Ely, and Hertford
7 30 p.m. from Hertford and Broxbourne
4 0 — from Norwich, Ely, and Hertford
N.B.—Third-class carriages are attached to all the Sunday trains.
Full particulars as to faires and the stoppages of the trains may be had on application at any of the stations.
By order,
A. BULKELEY, Secretary.
Offices, Shoreditch Station, July 22, 1845.

Offices, Shoreditch Station, July 22, 1845.

RASTERN COUNTIES RAILWAY (COLCHESTER LINE).—

REDUCTION OF FARES, ALTERATION OF TRAINS, &c.—The public are informed that, on and after Wednesday, July 39, the FARES from LONDON to COLCHESTER will be REDUCED as under:—

First class, present fare, 12s. 6d.—reduced to 11s. 6d.
Second class — 9s. 6d. — 7s. 6d.

The TRAINS will be altered as follow:—

DOWN TRAINS FROM LONDON.

The 7 45 a.m., third class, will start at 7 30 a.m.

2 p.m. to Colchester will be discontinued.

5 p.m. to dilto, will start at 5 30 p.m.

A short train will run to Brentwood at 1 30 pm.

UF TRAINS TO LONDON.

2 p.m. from Colchester will be discontinued. A train will run from Colchester at 3 p.m. dilto dilto Ditto dilto Brentwood at 5 30 p.m.

ON SUNDAYS.

ON SUNDAYS.

The Down Trains will remain unaltered.

UP TRAINS.
The 6 p.m. will leave Colchester at 4 p.m. 7 p.m. ditto Brentwood at 8 p.m.
Full particulars as to the fares and stoppages of the trains may be had on applicatic at any of the stations.

By order,

A. BULKELEY, Secretary.

Offices, Shoreditch Station, July 22, 1845.

The 6 p.m. will leave Colchester at 4 p.m. 7 p.m. ditto Brentwood at 8 p.m. Full particulars as to the fares and stoppages of the trains may be had on application at any of the stations. Onlines, Shoreditch Station, July 22, 1845.

New Y. ARMAGH, and LONDONDERRY JUNCTION BAILWAY, from AllMAGH to OMAGH.

(Provisionally Registered, pursuant to 7 and 8 Victoria, cap. 110.)

Capital, £400,000, in 16,000 Shares of £39 each. Deposit, £1 7s. 6d. per Share. Provisionally Registered, pursuant to 7 and 8 Victoria, cap. 110.)

Capital, £400,000, in 16,000 Shares of £39 each. Deposit, £1 7s. 6d. per Share. Provisionally Registered Province County Tyrone. The Healt Homeradie Harquis of Downshire, Hills-foreuzh Castle, County Down The Healt Homeradie Harquis of Downshire, Hills-foreuzh Castle, County Down The Healt Homeradie Harquis of Downshire, Hills-foreuzh Castle, County Thomas County of Tyrone. Lord Clande Hamilton, M.F. for County of Tyrone. Lord Clande Hamilton, M.F. for County and M. forence County Tyrone, Sir James Bunbury, Hart, D.L. Author Castle, County Tyrone, Sir James Bunbury, Hart, D.L. Author Castle, County Tyrone, Sir Thomas Staples, Bart. Lissan-house, Cookstown Charles Powel Leelie, Eag., M.F. Glasdough.

Robert Warlug Maxwell, Eag., J.F., and Depaty-Lieutenant, County Tyrone, Samuel Veey, Eag., P. and D.L. pertybard House, County Tyrone, Charles Fox, Key, Rutland-square, Doblah, Depaty-Lieutenant of the County Armagh, Francis Evans, Eag. Dublin.

Y. W. Auge, Eag., J. P. and D.L. pertybard House, County Tyrone, Charles Fox, Key, Rutland-square, Dublah, Depaty-Lieutenant of the County Armagh, Francis Evans, Eag. Dublin.

Y. W. Auge, Eag., J. P., and D. S. Depath, Depath Hamper, County Tyrone, County Miller, Eag., J. Armogen.

Rowley Miller, Eag., J. J., Amongen.

Rowley Miller, Eag., J. J., Mongymore, Omagh Edward Moore, Eag., J. P., Armagh, County Tyrone, Lee William Hallow, County Tyrone, James Foott, Eag., herchant, Newry John Hancock, Eag., herchant, Newry John Hancock, Eag., herchant, Newry John Hanco

and its branches; Liverpool Bunk, Liverpool.

Scherkaries.—Robert Medill, Esp., Newry; George Cairnes, Esq., 1, Beresford-place, Armagh; John Simms, Esq., Belfast; John Murray, Esq., 116, Grafton-street, Dublin; F. W. M'Blain, Esq., London.

OFFICES OF THE COMPANY.—Newry; Trevor-hill. Belfast: 26, Donegal-street. Armagh: 1, Beresford-place. Dublin: 116, Grafton-street. London: 53, Charing-cross, pro tem. The proposed railway will connect the assize town of Omagh with the city of Armagh, now the centre of at the railways in the north of Ireland. Joining the Londonderry and Enniskillen Railways, Comagh, and passing by or near Ballygawley, Fintona, Clogher, Augher, Aughnacloy, Caledon, and Killyles, the line will ternainate at Armagh, there forming a junction with the Newry and Enniskillen, the Utser Railway to Belfast, the proposed inland line to Dublin, and also the Armagh, Coleraine, and Fortrush Railways. The inhabitants of Tyrone and the adjacent counties will be thus afforded the most direct route to Armagh, Newry and Be fast, while the distance between Omagh and Dublin will be twenty miles aborter than by any other railway hitherto projected.

The entire length of the line will be about thirty-five statute miles. The traffic tables show a return of at least 8 per cent. on the proposed capital.

The detailed prospectus and map may be had at the company's office as above, and applications for shares may be made, in the usual form, to the solicitors and sceretaries, at their respective offices, and to the following brokars:—Messrs. Bruce and Symes, Dublin; A. Montgomery, Esq., Liverpool; Messrs. Munro and Co., 41, George-street, Edinburgh; Charles Couper, Esq., 30, 8t. Andrew's-square, Edinburgh; Messrs. Cardwell and Sons, Manchester; R. P. Clark, Esq., Bristoi; James Jamieson, Esq., Ledes; R. Mortimer, Esq., Throgmorton-street, London; and to Bichard Stack, Esq., Ormagh.

NEWRY, ARMAGH, AND LONDONDERRY JUNCTION RAILWAY, FROM ARMAGH TO OMAGH.—Notice is hereby given, that NO FURTHER APPLICATIONS for SHARES in this company will be received after TUESDAY, the 5th of AUGUST NEXT, immediately after which the allotment will it F. W. MBLAIN, Secretary proceeded with. I ond m, July 26, 1845.

GOODWOOD RACES.

GOODWOOD RACES.

ROUTE BY NEARLY THERY MILES.—Notice is hereby given, that passenthe following TRAINS (Sundays excepted):—

Morning as Market and Market and Morning as Mo

gers are CONVEYED from London-bridge Station to SHOREHAM, near Worthing, by the following TRAINS (Sundays excepted):

Morning at 7 35

" at 10 30

" at 12 0

From Shoreham to London by the following trains (Sundays excepted):

" at 12 0

From Shoreham to London by the following trains (Sundays excepted):

" at 9 25

" at 10 35

" at 2 40

" at 10 35

SPECIAL TRAINS will leave London-bridge for Shoreham on Tuesday, the 28th of July, and on Thursday, the 31st of July, at seven in the morning. A Special Train will also leave Shoreham, for London, at NINK in the evening of Thursday, the 31st July DAY TICKETS—London to Shoreham and back the same day—First Class, 23s. 6d. and 23s. Second Class, 18s. 6d. and 13s. 6d.; and Third Class, 8s. 6d.

Carriages and horses are conveyed by all the above trains. Post horses will be ordered to meet carriages at Shoreham, on notice, by post, being sent on the day previous, addressed to Mr. Fountain, at the Brighton Station.

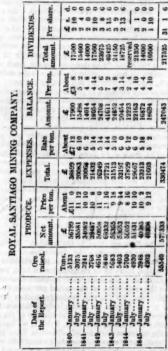
T. J. BUCKTON, Secretary.

## THE MINING JOURNAL Kailway and Commercial Sagette.

LONDON, JULY 26, 1845.

In our columns of to-day will be found a tabular statement of the sales of copper ore in Cornwall and at Swansea, amounting together to 219,950 21 cwts., producing 22,588 tons 1 cwt. 3 qrs. 12 lbs. of fine copper; the amount in money being 1,595,349l. 13s. 6d. Of this amount the sales in Cornwall were 835,350l. 19s. 6d.; while the produce of seven foreign mines amounted to 633,173%. 15s. 6d., two companies alone having returned 385,201l. 16s. 6d., or nearly one-half the produce of the mines of Cornwall. These are figures which, we doubt not, will eagerly be seized hold of by the advocates for the abolition of the duty imposed on foreign ores. It will be our province, next week, to see how far they will be justified in again appealing to the Legislature, with facts and figures such as these to support their crguments.

Our attention has been directed by several correspondents to the financial affairs of the Royal Santiago Mining Company, and to the very considerable fluctuations to which its shares have been subjected within the past two years—having fallen, if we mistake not, from 28 to 6, and, after many alterations, being now quoted at 23½, or 164,500l. for the property—the dividend for the past twelve months being 3l. 10s. per share, or 24,500l., equal to 15 per cent. on the present price, exclusive of the reserve fund of 47,270l., which would alone give a dividend from the surplus of 6l. 15s. per share, while the average annual dividend for the past six years is after the rate of upwards of 50 per cent. per annum on the capital embarked (not taking into consideration the reserve fund), and equal to 22 per cent. on the present price. The following tabular statement may be relied upon, and will bear out our deductions:—



The reserve fund, which in July, 1840, amounted to 26,678l, was increased in January, 1844, by an addition of 12,224l.—making 38,902l., which was further augmented at the last half-yearly meeting by the sum of 368l., or, in all, 39,270l. now in hand, exclusive of a further sum of 8000l. reserved for the purchase of additional machinery. It will be seen by the preceding statement that the average quantity of ore raised annually is 9256 tons, realising a net profit of 4l. 8s. per ton. The annual dividend has, it will be observed, during the six years, averaged 5l. 3s. 6d. per share, which is a large return on the capital embarked—the total amount received during that period being 217,525l., while the entire amount called has not exceeded 70,000l., of which it will be seen 47,270l. is now in hand as a reserve fund, in addition to the ores at the surface, and on their way to Swansea; to which may be added the plant, live and dead stock, houses for 250 persons, buildings, store-houses, two steam-engines, &c., &c., which may be estimated at 30,000l. at least, exclusive of the ores discovered. These figures will, we doubt not, be deemed satisfactory, and will best afford the means of arriving at a conclusion as to the merits of the undertaking, when taken in connection with the reports from the mines. The reserve fund, which in July, 1840, amounted to 26,6781.,

It is with regret, at all times, that we feel called upon to animad-vert on the conduct of parties, whose acts bear a semblance of dis-honesty, or unfair dealing, and while, it must be admitted, that no enterprise requires more scrupulous care and watchulness than mining, yet it is gratifying to find, that the instances are so few and for between where our attention is called to matters, calculated to far between, where our attention is called to matters calculated to reflect discredit and to destroy confidence, such as it is our duty on the present occasion to record. Ere we proceed to the particular on the present occasion to record. Ere we proceed to the particular matter under notice, it is gratifying, however, to be in a position to state, that one of our latest exposés has had the fully desired effect—justice being done to a body of adventurers, and exposure and disappointment attendant on the scheme of the would-be delinquent. We do not mince matters, nor do we consider it necessary that we should conceal transactions, or withhold names, because the parties move in a sphere which would lead the world to believe them incapable of acting improperly—indeed, we consider it is our duty to hold such parties up to the censure of the public. It will be in the recollection of our readers, that some few months since, we adverted to an attempt on the part of Mr. Humphay Willyams, to obtain a grant of the Wheal Francis sett, adjoining Stray Park land Cam-

ps re ric ta th

borne Vean Mines, that gentleman being a member of the committee of the latter adventure, and, in such capacity, having applied to Lady Bassert for the sett. The observations we then felt called upon to make, created considerable excitement in more than one quarter, and we have reason to know that Lady Bassert expressed herself in no measured terms as to the nature of the transaction, and the advantage attempted to be taken. For a time things remained quiet, and it was somewhat dubitable as to the party to whom the herself in no measured terms as to the nature of the transaction, and the advantage attempted to be taken. For a time things remained quiet, and it was somewhat dubitable as to the party to whom the grant would be made; but we are now happy to have it in our power to state, that the grant of Wheal Francis has been made in favour of the Stray Park adventurers, to the disappointment and discomfiture of the worthy committee-man. Now, then, let us proceed to notice a similar act of delinquency, which occurred in the eastern district. It is now some little time since that a sett, known as Wheal Trelawny, was taken up in the parish of Menhenniot, which held forth good promise, and which has justified the expectations entertained—a course of lead having been discovered, and the prices of shares having advanced considerably. Attention was antically directed to the ground inmediately adjoining, and, as the state of the sett of the sett of inflortance to secure the adjacent sett, known as Wheal Mary Ann, which was the property of Miss Polland, a lady of the highest respectability, who, we feel assured, would never wittingly lend herself to a deception, but who, as we shall show in the end, was herself grossly deceived. Application having been made to this lady for a grant of the sett, by the agent of Wheal Trelawny on behalf of, the adventurers, it was some time ere her assent was obtained; and, in the meantime, they, with the object of inducing that lady to make the grant, and, in some measure, place her in a "fix," secured two setts, which were so intimately connected with her property, as to render it indispensable that she should grant to the Trelawny adventurers if to any party. This will be better understood by supposing five distinct pieces of land as A, B, C, D, E. A belongs to the Trewhich were so intimately cointected with at hopeley, as to the rit indispensable that she should grant to the Trelawny adventurers if to any party. This will be better understood by supposing five distinct pieces of land as A, B, C, D, E. A belongs to the Trelawny adventurers; B and D to Miss Pollard; and C and E to another party, whose interests the Trelawny adventurers acquire, thus becoming possessed of A, C, and E (the ace of the pack), and affording evidence, if such were necessary, of the application for the setts, made by their agent, being on their behalf. Matters went on, and, in time, Miss Pollard agreed to make the grant to Peter Clymo (the purser of Trelawney), James Clymo (one of the principal adventurers), and Edward Lyne (the lawyer to the company), upon receiving 1000L down, 1000L out of first profits, and twelve free shares, and, accordingly, a lease was executed. The document, we presume, was drawn in the usual manner, and was made out to these parties, and their co-adventurers, and it is only natural to suppose, that their co-adventurers were those interested in Wheal Trelawny, on whose behalf the application was made; but a slight difference of opinion appears to have been entertained on this point, and hence the awkward position in which we now find things. But to continue our narrative. The grant thus having been secured and hald a state of the continue our narrative. and hence the awkward position in which we now and things. But to continue our narrative. The grant thus having been secured and held, as the Trelawny adventurers were led to believe, in trust for them, according to their relative proportions or interest in that mine, was, however, claimed by the three "worthies" whose names we have given, but who liberally expressed their readiness to give to the Trelawny adventurers 1-256th share in the Wheal Mary Ann sett to every 1-130th held in Trelawny, which, added to the twelve tree shares reserved to Miss Portage making together 142, would Trelawny adventurers 1-256th share in the Wheal Mary Ann sett to every 1-130th held in Trelawny. which, added to the twelve free shares reserved to Miss Pollard, making together 142, would leave to their own "cheek" no less than 114 shares, which, as they are valued in the market at 35l. or 40l. a share, would be something like a "pull" of 4000l. to 5000l.—no small trifle at starting. Now, it is quite clear, that these gentlemen would not be so liberal as to present 130 shares, which, at 40l. per share, are worth 5200l. without there was some legal and moral claim on the part of the Trelawny adventurers, and it appears to us, that, if they have claim to a part, they have a bonâ fide right to the whole, and that a division is nothing more nor less than a shameful attempt to mulet the shareholders of their rights.

The levels of Wheal Trelawny are, we understand, driven within six fathoms of the sett in question, and the only stipulation, we are aware of, made by Miss Pollard, is, that the ore produced from her ground shall be kept and parcelled distinct, although the "three worthies" would wish to convey the impression, that Miss Pollard would not grant to the Trelawny adventurers—yet we find that the purser, one of the largest shareholders, and the lawyer, who are the grantees, at once propose to present the Trelawny adventurers with a majority of the shares, being 130, and consequently the management; it is farch al, and the attempt would create a smile, were it not that it involves character, and as seriously reflecting upon that of the parties mixed up in the transaction, whose names we have given, is sincerely to be regretted.

Under these circumstances it is not to be wondered at, that some of the adventurers should institute a slight inquiry, and take measure to secure to themselves and co-adventurers the measure of justice to which they deem themselves entitled, and hence a demand on their part for the full right and interest to which they were

sures to secure to themselves and co-adventurers the measure of justice to which they deem themselves entitled, and hence a demand on their part for the full right and interest to which they were entitled. This was, we regret to find, met with a blunt refusal, thus leaving it no longer a matter of question, as to the quantum of honesty or principle which influenced the trio. Here we must leave the matter for the present, and have again, in conclusion, only to express the regret we feel, in thus being called upon to advert to conduct, which is calculated so much to prejudice mining pursuits and legitimate enterprise. and legitimate enterprise.

In another column will be found some interesting statistics respecting the mineral productions of Russia. From the report, which has been prepared for the EMPEROR of Russia. From the report, which has been prepared for the EMPEROR of Russia, we find that the mines of gold, which have been worked since 1815, have produced to the end of 1844, 9000 pouds of fine gold, of the value of 150,000,000 effective rubles, or 24,000,000 tsreling. The mines of platina have been worked since 1819, and have produced 2000 pouds of virgin platina, representing a sum of 7,000,000 effective rubles, or 280,000. The mines of gold and platina are in the mountainous countries, Oural and Altai; two-thirds of them belong to the State—that is, the EMPEROR, and the other third to private individuals.

The exposition of the metallic resources of Berlin and Germany in general (to which we referred last week) has created very considerable interest, as the continental manufacturers are striving how far they can bring their metals to perfection, so as to avoid the ima return of the annual production of steel in the different countries

r	ope : Met	rical quintal
	ope :- Met	210,000
0	Germany	205,000
	France	79,000*
	Russia	32,000
	Sweden	29,000
í,	Other states	5,000

The value of cast steel in France was in 1842, 5,009,093 francs; other descriptions, 6,212,660 francs, since which it has increased nearly one-third.

manufacture of cemented or cast-steel. Germany possesses manufacture of cemented or cast-steel. Germany possesses three very important beds of spathose ores; two form part of the Zollverein—one being situated in the Duchy of Nassau, and the district of Siegen, the other in Thuringe—the third, belonging to Austria, is in Styria, Corinthia, and the Tyrol. The Zollverein produces annually 80,000 metrical quintals, and Austria 130,000; and export a considerable quantity to Russia, Holland, Belgium, and France.

In again directing attention to the nefarious proceedings of the Talacre Coal and Iron Company and its projectors, we trust that we are bringing to a close those labours, which, while they are imposed upon us in the exercise of our duty as journalists, and occupy a considerable space in our columns, have, we are well aware, lost much of their interest with the public; still it is imperative on us to follow up the investigation, until fair and ample justice be done to those whose property has been so severely sacrificed by the misdoings of others, who have, by their cunning or poverty, escaped the ends of justice, or the appliance of the sconrge of morality. We, therefore, deem it incumbent on us to revert to the subject, and to place before the public such new features as the evidence submitted in our courts of law, on testimony undisputed, present—at to place before the public such new features as the evidence submitted in our courts of law, on testimony undisputed, present—at the same time, that it is highly encouraging to find juries possessing not only ability to arrive at correct conclusions, despite the legal obstacles thrown in the way; but that the presiding judge does not hesitate to convey to them, in clear and distinct terms, not only the law, but the facts of the case, as given in evidence, observing, as he did, in his address, that "if the fraud imputed had been made out, it was as gross and abominable a fraud as any one could imagine"—this opinion seemed to be that entertained by the jury, if we are to judge by their verdict. As a report of the proceedings gine "—this opinion seemed to be that entertained by the jury, if we are to judge by their verdict. As a report of the proceedings in Dublin, which occupied four days, will be found in our columns of to-day, it is unnecessary to dwell on the evidence, and to which we shall, therefore, merely advert, in the course of our remarks, when noticing the nature of the several proceedings.

This company had its origin in 1839, and, after an existence of some eighteen months, was discovered to be not only a bubble but a fraud, and that of the most callous and heartless nature—while it has never been mentioned in the English or Irish courts, without expressions of disgust at the concectors, and feelings of symmathy

expressions of disgust at the concoctors, and feelings of sympathy evinced for the deluded victims. It has been the subject of repeated proceedings in our law courts—it has forced more than one proprietor into the Gazette—it has brought ruin and disgrace of families—it has destroyed confidence—and yet, withall, the prime mover remains untouched, and assumes the right to occupy the highest civic office which it is alone in the power of the Livery to bestow—that of Lord Mayor; while one of his former comperers is refused his contiferation of the power of the control of the c refused his certificate in a court of bankruptcy. Such, however, is life and its vicissitudes; it is not always that the rod is applied where it is most required, or that even-handed justice is dealt out

the punishment of those on whom it should fall.

We have already stated that six times have the affairs of this We have already stated that six times have the affairs of this company been brought before the courts, besides the inquiry which took place in the Court of Aldermen, the latter resulting in what is vulgarly termed the finding (not of a verdict, but) a mare's nest. Yet, we believe, sufficient evidence was adduced to preclude any honest member of the court from giving his vote in favour of Alderman Thomas Wood as Mayor, inasmuch that the following resolutions were arrived at by the Court of Aldermen, from which, however, we have been a sufficient to the court of Aldermen, from which, however, we have been a sufficient to the court of Aldermen, from which, however, we have been a sufficient to the court of Aldermen, from which, however, we have the court of Aldermen, from which, however, we have the court of Aldermen, from which, however, we have the court of Aldermen and the court of Aldermen. ever, nothing has arisen; the legal Alderman having thought it most prudent to be quiet, and the court having no power vested in their

prudent to be quiet, and the court having no power vested in their hands to act—or we can well imagine the result.

That Aldernan Thomas Wood was, as a principal, connected with the Talacre Company, which appeared to have been got up as a speculation, presenting no probabilities of profit, and calculated to benefit no person except those by whom it had been concocted.

That coal which was the produce of another mine, had been exhibited as the produce of the Talacre Mine; and,

That the designation and station of Alderman Thomas Wood, as an Alderman of London, had been used in the printed papers relating to the concern as recommendatory of experiments in its available resources.

It may perchance be inquired why we should so particularly.

It may, perchance, be inquired, why we should so particularly dwell on the part taken by Mr. Alderman Thomas Wood? Let this, then, be our reply. Mr. Thos. Wood, as Alderman and Sheriff of London, thought proper to connect himself with this scheme, and of London, thought proper to connect himself with this scheme, and to become one of its principal projectors and agents, assuming to himself the offices of vendor, purchaser, trustee, director, and solictor, of the company, charging 110,000l for a worthless coal-field, a lease for which had been in the January preceding obtained without any premium, and at a peppercorn rent for the first twelve months: the scheme was carried out by falsehood and misrepresentation: he took to himself a share of the spoil, and, by his conduct, as a magistrate, a lawyer, and a man, forfeited the confidence of all who could be cognisant of the transaction. We find, indeed, on the 30th of May, 1842, when Lord Denman delivered judgment in the Court of Queen's Bench, on an application made to strike Mr. Alderman T. Wood off the rolls, on such occasion his Lordship made use of the following words:—"The whole of this matter appears so suspicious, and, we must add, so incorrect, that Mr. Wood has no right to complain of the rule being moved for by those who have suffered by following his advice at a time when he was solicitor of the company of which he himself was a member."

Having referred to two of the cases in which Mr. Alderman

Having referred to two of the cases in which Mr. Alderman Thomas Wood was the principal—the application, in the one instance, being to strike him off the rolls, while his object, in the other, was that of justifying his acts in the eyes of his brother aldermen and the coporation, but in which, it is needless to say, he was unsuccessful—now proceed we to the proceedings in the several actions arising out of the fraud, which we shall condense as briefly as possible.

an aldermen and the coporation, but in which, it is needless to say, he was unsuccessful—now proceed we to the proceedings in the several actions arising out of the fraud, which we shall condense as briefly as possible:—

In June, 1844, an action (Newburn r. Wild) was tried at Westminster Hall, before a special jury, involving a question of 2000L, being the amount of certain bills given by the directors in part payment (?) of the Talucre property, the defendant being a shareholder, but in no way connected with the concection of the scheme, when Mr. Alderman Thomas Wood, who, as chairman of the board and solicitor of the company, was examined on the part of the plaintiff, and proved the issuing of the bill, as also the defendant being a shareholder—the jury found a verdict for the defendant?

In the following month, we find the case, Halifax r. Verner, M.P., tried before a special jury at Guidheal, upon a claim of upwards of 3000L, being the amount of a loan advanced by the firm of Glynn and Co., to Alderman Thomas Wood\*and ex-deputy Warwick Weston, in their characters as directors of the Talacre Company; the defendant being an innocent shareholder and dupe of the fraud practised, Lord Chief Baron Pollock, before whom the case was tried, charged the jury in very forcible language, at the same time that he did not hemitate to convey his opinion, that the directors and conoctors of the scheme had perpetrated a cheat on the company. It would be futile to enter upon the evidence, suffice it, that—the jury found a verdict for the defendant?!

In May, 1843, an action was brought in the Court of Queen's Bench, Dublin, and tried a second time in February of the present year, before a special jury, the parties being Howard c. Shaw, and the cause of action a claim of plaintiff, as endorse of Levason as part payment of the purchase-money, which transaction was stigmatised by Lord Denman as being so "asspicious and incorrect" on the part of Mr. Alderman Thomas Wood, as the solicitor advising the notes being given, he, at th

place last month, in the Court of Common Pleas, Dublin, before a special jury the action being Levason v. Alderman Hodges, ex Lord Mayor of Dublin. The cause of action was the recovery of the amount of another note, for 2008l. 3s. 4d., being a further portion of the purchase-money of the property—forming part of the transaction before alluded to. In the course of the proceedings, the son of Alderman Wood was examined at some considerable length, whose evidence is given in our report, inserted in another column, and which is in itself so conclusive as to the rapacity displayed by the concectors, and the nature of the scheme, that we doem it unnecessary to add more than that—the jury found a verdict for the defendant!!!!

We have thus briefly recapitulated the main features of the proceedings as connected with the Talacre Coal and Iron Company and Mr. Alderman Thomas Wood, and we doubt not but that the Livery of London will not fail to express their opinions, in language not to be misunderstood, whenever the legal gentleman shall again present himself to the suffrages of the Livery. We feel not a little proud that the position we have ever taken has been thus maintained, while we regret the result should have the effect of bringing discredit on parties whose nosition in seciety, should have secured. discredit on parties whose position in society should have secured to them the character of being sans peur et sans reproche.

#### ASSAY AND ANALYSES OF MINERALS—No. IV. ASSAY OF COPPER SLAG. Very fine pounded slag ...... 100 grs. Muriatic acid ...... 200 grs. Nitric acid ...... 100 grs.

-digest in a long glass till the whole is gelatinised, then filter it; afterwards add ammon caustic; until you receive the smell-the intensity of the blue shows the copper after a normal solution.

THE IRON TRADE ON THE CONTINENT .- The iron sales at the annual fair held at Chalons-sur-Soane, were extremely advantageous to the iron-masters. The prices of iron, of every size and description, were firmly maintained, the sales very extensive, and large orders given. In Belgium the same improvement in the demand for iron exists as in France.

XIRON TRADE.—Our imports of foreign iron in 1844 were—chromate of iron, 2365 tons; pigs, 52 tons; bars unwrought, 24,483 tons; bloom iron, 524 tons; old broken and cast-iron, 97 tons; unwrought steel, 2717 tons; wrought steel and iron, entered by weight, 153 tons—ditto, entered by value, 11,905l. Of foreign iron in bars, 21,598 tons were retained for home consumption, and 5876 tons exported, of which 3371 tons went to India, and 1013 to our North American colonies.—Of British iron we exported that year 99,960 tons of pig-iron; 230,935 tons bar-iron; 18,980 tons bolt and rod-iron; 18,969 tons cast-iron; 1963 tons iron wire; 2490 tons of anchors, grapnels, &c.; 15,654 tons in hoops, &c.; 7226 tons nails, &c.; and of all other sorts (except ordnauce) 48,170 tons; of old iron, for remanufacture, 9271 tons; and of unwrought steel, 5121 tons. X IRON TRADE.—Our imports of foreign iron in 1844 were—chromate of

X THE COAL TRADE.—From the usual monthly returns of the importa-tion of coal, culm, and cinders, from the collieries in the Newcastle, Sun-derland, and other districts, for June, we find that the following number of ships and quantities of coal have been imported into London

and dummines of	COUL THE AC			
		Ships		Tons.
Newcastle		354		109,240
Sunderland		316	*********	88,095
Stockton and Hartley	pool	215		55,264
Blyth		46		11,435
Scotch		6		
Welsh		48		10.758
Yorkshire, &c		47		4.712
Small coal				
Cinders				
				-1001
Total imported	in June .	1044		983 010

MOVEABLE JIB CRANE.—At the Institution of Civil Engineers, a short time since, Mr. W. Gale (Glasgow) pointed out the advantages of the moveable jib crane for the purposes of building. It was stated to have been originally invented by James Watt, for the Bell Rock Lighthouse; but in originally invented by James Watt, for the Bell Rock Lighthouse; but in a communication from Mr. R. Stevenson (Edinburgh), which was also read, with extracts from the history of that lighthouse, the invention was claimed by Mr. Stevenson. It appeared that the crane was used very extensively, but that some defects existed in its construction, for which the author suggested remedies, which he had applied successfully, and for which he gave the necessary details of calculations and drawings, without which they would be with difficulty comprehended.

M. F. Leblond, on a recent visit to the mines of Paullaouen and Huelgout, in Brittany, to ascertain the composition of the air, found that in the galleries the air contains only from 17 to 18 per cent. of oxygen, and that in the cavities the portion falls as low as 10 per cent, without the deficiency being replaced by carbonic acid. M. Leblond attributes this fact to the presence of pyrites, which he considers becomes sulphatised by the means of the oxygen of the air.

Breconshire Lead Mines.—The lead ore discovered in the Nantbraw estate in this county, and known by the name of the Nantbraw Lead Mines, is found to yield 80 per cent. of lead, with a small proportion of silver, having been assayed by Messers. Johnson and Co., of Hatton-garden. Great and rapid progress is now making in opening the mines, which, it is anticipated, will be very productive, and prove highly remunerative to those who are embarked in the undertaking; the shares (of which few are to be obtained) have already obtained a high premium.

optained a nigh premium.

\*\*CEDRYN SLATE QUARRY.—This quarry was sold by auction, in Liverpool, on Friday last. It was put up at 2000/, the estimated value being 2500%; the first offer was 100%, and, eventually, it was knocked down for 250%, to a Mr. Williams, who lives in the neighbourhood. The sale was a forced one, under the authority of the Court of Bankruptcy.

the authority of the Court of Bankruptcy.

COOMBE VALE CONSOLA.—A proposition is before the public to work this extensive sett, which adjoins Wheal Maria Mine, and an adit is being driven to prove a lode at fifteen fathoms depth, which has lately been added to the sett; it is six feet wide at surface, full of gossan and flookan, similar to those of Wheal Maria—it is a lode of much promise. The direct continuation of the rich silver-lead cross-course, in Wheal Maria, is called "Wheal Maria silver-lead lode;" it has been opened at five fathoms deep for several fathoms, and is there also seven feet wide; three separate assays of ores taken from this opening gave respectively 64 oz., 66 oz., and 92 oz. of silver to the ton of lead Doidge's lode at surface is three and a half feet wide; the large and powerful new wheel, with pumps and machinery, is nearly completed, and the whole prospects are highly encouraging.—[From a Correspondent].

The narrow and broad guage question, which has of late occupied the attention of the learned of St. Stephen's, Westminster, has attracted the particular notice of our neighbours on the Continent, France, Belgium, and Germany, but the generality of the foreign scientific men are evidently in favour of the narrow guage, as causing less vibration than the expanded one, and, when well constructed, less likely to cause accidents. As there are so many lines being constructed throughout the continent, this is a point that occupies the general attention of their engineers, and a commission has been appointed by the French and Belgian Governments, to ascertain the merits or demerits of both systems.

\*\*Railway kevs is another subject that the French engineers have under their

Railway keys is another subject that the French engineers have under their consideration, as various methods of fastening railway bars in their chairs have been tried in England, and wood keys have been very extensively employed—first, because of their simplicity; secondly, that they admit of the doublebeen tried in England, and wood keys have been very extensively employed—first, because of their simplicity; secondity, that they admit of the double-headed rail being employed; and thirdly, that they admit of the double-headed rail being employed; and thirdly, that the keys prevent any lateral or endways movement of the rail, but also force it firmly down on its bearing in the chair. As iron is rather expensive at the present moment, the adoption of wooden keys is likely to become general on the continent. They have these qualities—great elasticity after having been subjected to a compressing force, a quality which iron, when solid, does not possess, at least, in a very small degree. This will be resorted to fer a few years, until the price of iron is diminished, then they will adopt the hollow wrought-iron keys.

SMOKE PREVENTION.—Mr. Williams, of Liverpool, has been at Northwich, fitting his hot-air apparatus to (one each of) the furnaces of John Cheshire, and C. W. Neuman, Esqs., at their respective sailt-works in that neighbourhood. TUNNEL VIADUCTS.—The Liverpool Mercury claims for Mr. De la Haye one of their correspondents, the credit of first projecting wrought-iron tunnels as a medium of railway communication under rivers, &c.

I IRON FURNACES IN AMERICA.—The Pittsburg Age says there are now in press of erection, in and near the city, twenty-six furnaces, which will turn between 75 and 100 tons of iron weekly.

At Bolbeze, near Toulouse, a discovery has been made of the peculiar st eccessary for lithography. It is said to be of excellent quality, and in co-crable quantities. ATMOSPHERIC BOAT.—We hear that a project is about being introduces ATMOSPHERIC BOAT.—We hear that a project is about being introduced to the Parisian public, with the view of forming a company for the construction of an atmospheric boat, which is expected to run thirty leagues on bour. STATISTICAL ACCOUNT OF THE PRODUCE, IMPORT, AND EXPORT OF METALS.

Grylle's Annual Mining Sheet, from June 30, 1844, to June 30, 1845, Containing the quantity of COPPER ORE sold from each Mine, British and Fereign—the Average Price per 21 cwt, and the Amount of Money—each Copper Company's Purchase—the Total Amount of Ore, Fine Copper, and Money—the Average Standard, Produce, and Price for the year, both in Cornsult and Wales. wall and Wales-the quantity of Copper, Tiv, Zinc, and Lead Imported nto, and EXPORTED from, the United Kingdom, from January 5, 1844, to January 5, 1845.

-	0 0		A		· Am	A	melan
Mines.	onch h	fine.	Am	ones	in .	Aver	d cwt.
				8			s. d.
Alice, Wheal	17	9	100	5 8	6	5 1	2 6
Anna, Wheal	15	2	. 503		0	3	6 0
Bedford United Mines	126	5	864		0	6 1	6 6
Hotallack	1859	2			6	8 1	9 0
Brewer, Wheal	127	0	60.05		0	4 1	8 0
Buller: Wheal	. 1489	2			0	4 1	
Brewer, Wheal	. 51	3					5 0
Camborne Venn & StrayPar	k 232	j	10496			4 1	
Carn Brea Mines	. 6609	9	34331	3	6		4 0
Carn Perran				17		3 1	3 0
Clifford, Wheal Comfort, Wheal	. 413	3		12	0	7	1 0
Comfort, Wheal	. 24	8		0			4 0
Condurrow	. 11-	1		7			0 0
Cook's Kitchen	. 890			8	6		5 6
Consolidated Mines	. 9283	3	50430	7	0	5	8 6
Change Dansus	AO1	3	1667	11	0		8 0
Darlington, Wheal	. 106		3839	16	0	3 1:	2 6
Dolcoath	. 3620		17714	7	6	4 1	8 0
East Wheal Crofty	. 6581		37487	19	0	5 1	4 0
East Pool	. 1527	*****	9224	5	0	6	1 0
Ellen, Wheal	. 777		4249		6		9 6
Friendship & Prosper, Whis	. 6865		29959		6		1 0
Fowey Consols	. 9801		49729		0		1 6
Godolphin	. 661		6440		0		
Gorland, Wheal	· 631/9		1774		6		
Grambler and St. Aubyn	. 1532		8215		0		
Hallenbeagle	. 2908				6		3 0
Harriet, Wheal	. 631		2428		6		
Harvey's ore, slag, and dros	s 397				0		
Henry, Wheal	. 228		1145	13		5	
Holmbush	. 2269		16906	6	0		9 0
Jewel, Wheal	. 1527	*****	8199	17		5	
Lanivet Consols	. 622		3103		0	5 (	
Lavant	. 1059		7148		0		
Maiden, Wheal	. 503		2471	8	6	4 18	
Maria, Wheal North Downs	. 4144		42031	2		10 8	
North Downs	. 738		4252		0		
North Roskear	. 5902		34649		0		
Par Consols			28382	11	0		
Penstruthal	. 677		4411	2	0		
Poldice	9170		$\frac{12746}{17457}$	i	6		
Providence, Wheal Providence Mines Prudence, Wheal	477		2414				
Providence Mines	791		2206				
Prudence, Wheal Perran St. George	. 899		3361	18		3 15	
Seaton, Wheal			8751	3		as 17	0
South Caradon	4331	******		17		5 16	
South Roskear			7987	17	6	5 6	
South Wheal Basset	3449	******	21472	5	6		6
South Wheal Basset South Town & Lydia, Whis	1667		6548	9	0		
St Andrew Wheel	827		1887	18	6		
St. Andrew, Wheal St. Austell Consols	46		128	8	6		-
St. Ives Consols	79	******	448		6		
South Wheal Francis			2511	15	0		
Sandry small Mines	590		2822	18	0		
Tregothnan Consols	161		310		0		
Treleigh Consols	1489		7581	7	6		0
Trenow Consols	1624		13907	7	6		6
Trenwith, Wheal	282		2225	12	0		0
Tresavean	6961		28292	6	0		6
Tresavean Barrier	1456	*****	10265	7	0		0
Trothellan	2997		11081	15	6		0
Tretoil	1267		5794	5	6		0
Treviskey	494	******	4053	5	0		0
Trevaunance Consols	216		608	19	0		6
Tincroft	3865		19402	8	0		6
Trewayas, Wheal	1270		7053	8	6		0
United Hills	3275		13486	8	0		6
United Mines	13789			16	0		6
Virgin, Wheal	1123		5216		0	. 4 13	0
Vyvyan, Wheal	904		1643		6	. 4 1	6
Williams's East Downs	4102		1361		6	7 4	6
West Caradon			29991 211	13	6	4 4	6
West Fowey Consols				14	0	4 9	0
West Wheal Jewel			674	5	6	3 15	6
West Wheal Treasury			594	0	0		0
WALES.	- 20		001		2		
Australia	64		598	7	0	. 9 7	0
Aberdovey				19	0		6
Bacuranao	15 mm 4		1870	2	0		0
Ballymurtagh			9655	6	0	0 19	6
Berehaven				18	0	-	0
Cobre	8782	21	15196	8	0		0
- Connorree	710		2258 1	18	0		6
Copiapo	1280	2	22274	7	0		6
Coshoen	412		3458 1	18	0	. 8 8	0
Chili	7126	16	18005	8	6	.23 11	6
Cronebane	1149		5865	10	6	. 5 2	0
Cuba	3891	6	1164 1	6	0	.15 14	6
Knockmahon	7634 .	4	9767 1	8	6	6 10	6
-Lackamore	143		1168 1		6	. 8 3	6
Landidloes		*****	184		0	16 14	6
Llandidno			1761 1		6	5 2	6
Mt. San Fernando			532		6	8 14	6
	4343 .		8108		6	15 13	6
Santiago	5949 .	8			5	14 8	6
Stadry small Mines			6968 1		0		6
Tigrony			1992 1		0	5 0	6
Valparaiso			2656 1		0	22 13	6
Vigra et Cloga	mm.	*****			ß	2 18	6
Vine Slag			120	4 (	5	1 11	0

Summary of the foregoing statement:-

Commwall.—Average standard, 103l. 10s.; average produce, 7½; average per 21 cwt., 5l. 6s. 3d.; fine copper, 12,239 tous 2 cwts. 3 qrs. 11 lbs.; would of money, 835,350l. 19s. 6d.; copper ore, 157,000 21 cwts.

WALSE —Average standard, 874, 2s.; average produce, 163 and 1-16; rage price per 21 cwt., 124, 1s. 5d.; fine copper, 10,348 tons 19 cwts. mount of money, 759,998, 14s.; copper ore, 62,950 21 cwts. TOTAL.—CORNWALL AND WALES.—Copper ore, 219,950 21 cwts.; fine coper 22,588 tons 1 cwt. 3 qrs. 12 lbs.; amount of money, 1,595,349/. 13s. 6d.

Copper Ores purchased by the Smelting Companies, from June 30, 1844, to June 30, 1845.

COL	RNWAL	L AN	D WAT	LES.				19
Purchasers.	Ore.			opper.		Mon	ey.	
	21 cwts.		Tons			 £	8.	d.
Mines Royal Copper Co	10908	*****	956	1 0	24	 67,978	17	7
English Copper Co	35987	******	8313	3 0	11	 230,534	2	10
Vivian and Sons	40577		4325	4 0	21	 303,453	17	11
Freeman and Copper Co	23094		2104	2 1	6	 146,090	1	11
Grenfell and Sons	28500		2922	6 2	24	 208,918	3	5
Sims, Willyams, and Co	27569		2791	2 1	2	 196,037	2	2
Williams & Co. & Crown Co.	58315	******	6176	20	8	 442,337	7	8
		-	er 17 34					4

The following statements are made up to January 5, 1845:-Copper ores imported during the year, 58,405 tons 15 cwts. 4 lbs. Fine copper exported, 18,832 tons 14 cwts. 1 qr. 1 lb.

Tin imported, 604 tons 5 cwts. 17 lbs.

Tin exported, 1110 tons 16 cwts. 1 qr. 4 lbs. Zinc imported, 10,398 tons 1 cwt. 8 qrs. 27 lbs.

Zinc exported, 1567 tons 16 cwts. 2 qrs. 21 lbs. Lead imported, 95 tons 8 cwts. 3 qrs. 19 lbs.

Lead and lead ore exported—Lead, 14,696 tons 1 qr. 7 lbs.; lead ore, 257 tons wath.—The proportion of tin sold at the ticketings in Cornwall is so small, it is not been considered advisable to publish it.

#### THE AMERICAN IRON TRADE.

According to the statistical returns recently issued by the Treasury Defalling off in the quantity and value of the importation of manufactured iron into that country. All arguments, bearing on the subject, being of the utmost importance to most of our readers, we readily find space for the following particulars, which we have received from an American correspondent:— The increase in the mining and manufacture of iron in the United States, within the past year or two, has been very great, and can be attributed principally to two things—the increase in the duty upon that of a foreign manufacture, and a general improvement in the industry of the country. Improvements have been introduced into the manufacture, and the increase in the number of furnaces erected has given additional impetus to mining, and also created a competition in mining and manufacturing, which must prove very advantageous and beneficial to the consumers. The increase in the manufacture of iron in the rough state, has not been more rapid than the increase in the manufacture of all the necessary articles required in the various mechanical business of the country. By the above returns, it will be found that the importation of nails, spikes, cables, chains, anchors, eastings, sheet and hoop iron, and many other manufactures, in 1844, was much smaller than in 1841; while the demand for these articles must have increased enormously, which has been supplied by similar articles of a domestic manufacture. The demand for iron must be annually increasing: and if our tables of importations show that the supplies from foreign countries are rapidly falling off, it follows that we must be supplied from internal sources. The vast amount of capital that has, within a year or two past, been employed in building up furnaces and manufactories in every section of the country, is the best evidence in the world, that a few years will suffice to enable us to not only supply ourselves with any quantity and with every article of this manufacture, but also any external demand that may arise. At present, the most extensive iron mines and ma partment of the United States, we find that there has been a very great falling off in the quantity and value of the importation of manufac

world, must give the manufacturers active employment for many years to come, to keep up the supplies. The demand for railroad iron alone will be sufficient to employ the manufacturers of that article, and keep prices up to a remunerating point. At present, the wants for consumption exceed the supply, and this state of things must continue so long as the mania for railroad speculation rages so extensively as at this moment. The iron manufacturers of Europe cannot supply the wants for railroad iron in that section of the world, and the increase of railroad companies in this country is greater than the supply of iron for rails will permit. In 1844, the consumption of iron in England reached 1,200,000 tons, which was full as much as the manufacturers could turn out. It is estimated that the "make" of iron last year was 1,210,000 tons, and that the make of 1845 may, by exertion on the part of the iron masters, reach 1,330,000 tons. The consumption last year is estimated at 480,000 tons for the ordinary home market, and 480,000 exported, and (if the railways now making took the same last year as in the estimate for this) new railways, 150,000—1,190,000 tons. Expecting an increase of 40,000 in the export, the consumption of 1845 is estimated at 1,130,000. Two thousand miles of new railway (proposed) it is estimated, will require 675 tons for every mile, or 1,340,000 tons, half of which, it is thought, will be wanted in 1845, and half in 1846, increasing the estimated consumption of 1845 to 1,900,000 tons.

The estimate then stands—1845, 1,800,000 tons; 1846, 1,650,000 tons; 1847, 980,000 tons, to which we may add, perhaps, some 50,000 or 60,000 tons (considering all this railway, &c.), for increase in ordinary comsumption and export; but this quantity cannot be supplied so fast. We may estimate (supposing that there are 200,000 tons short of the demand. Demand for 1847, 1,400,000 tons; supply 1,500,000, leaving 100,000 tons, because the propers than the most moderate of those engaged in them would imagine. The product

zagy cynte	Country time		States.	and Steel ing	O7 8008 AM	10 1110
Years.		Tons.		Value.		Per ton.
1823-29		36,314		82,417,292		866
1829-80				2,340,964		56
1830-31		51,571		2,235,363	*********	49
1831-32	***************************************		*******	3,697,380		49
1832-33		00 000		3,371,867		41
1883-34				3,988,396		51
1834-85		77,597		3,710,193		
1885-86	***************************************	96,220		5,359,131		
1886-87		102,866		6.363.188		69
1887-38	***************************************	74,762		4,036,963	Dillin H.	54
1838-39		115,637		6,688,596		57
1839-40				4,341,086		
1840-41	***************************************	112,111	*********	6,020,416		
1841-42		107,302		4,332,000		40
1842-48		87,405		1,665,651		
1848-44		105,277		8,968,838		
4020-82	***************************************	200,211		- Cyprobyodo	*********	
To	tal tons1	,261,074	8	68,837,526	die aus	\$50

Some of the eastern rail re suppli by this company. The mines of the Mount Savage Company, and, in fact, all the iron mines of Maryland, are situated in the Cumberland coal region, which, for the manufacture of iron, is said to be superior to any other. The iron manufacturers of Great Britain already feel alarmed at the rapid increase in this business in this country. At a recent meeting of the ling firms in the South Staffordshire iron-trade, it was stated that they vie mg arms in the South Statfordshire iron-trade, it was stated that they viewed America as a dangerous competitor, and likely to take advantage of the diminution in the foreign trade, created by the absorption of iron by the railways of Great Britain, and to supply markets now completely dependent upon them—the manufacturers of Great Britain—for the quantity required for consumption."

The commissioners of the port and harbour of Whitby having adopted the plans of Mr. Pickernell, their engineer, for the improvement of the harbour, operations for extending the east pier into deep water were com-menced on the 7th instant. Forty feet of foundations, in ten stones, six feet wide by three feet thick, were laid—the bed in the rock so correctly levelled that no part of the superficies varied one inch—and the vertical notches filled with broken whinstone and cement in seventy-seven minutes. From beginning to pump the water out of the dam to the foundation stones being covered by the flowing tide two hours only intervened. THE IRON TRADE-PROJECTED RAILWAYS.

THE IRON TRADE—PROJECTED BAILWAYS.

[Addressed to the Towns by "Mercator."]

In the report from your Dudley correspondent, reference is made to the little confidence lately to be placed upon the decisions of the iron-masters at their quarterly meetings; also, to the turn-out of the workmen, and amongst these are the most essential in the manufacture of iron—the "puddlers," many of whom are about to emigrate to America. As this instability in the prices, and turn-out of the operatives, is mainly attributable to the same cause—the rate of wages—it may appear to a superficial observer somewhat extraordinary, that, in order to check an advance in the pay to the workmen, a reduction in the price of the manufactured article should take place, when all the circumstances connected with the prospects of the trade justify the maintenance of the rates for iron fixed at the quarterly meeting in March last.

The circumstances that promoted the advance in iron in the early part of this year, instead of being unchanged, are strengthened by subsequent events; and amongst the most important of these is the progress making in Parliament with the railway bills, the number that have received the Royal assent up to this time in the present session comprising lengths that together will require above 1,000,000 tons of iron. Allowing for ordinary earlienering difficulties, it is computed that twenty-five miles of railway ean be made in a year. Some of the foregoing lines are less and "T" e more than this distance; but those lines that have received the Royal assent this session being all in operation at about the same time (as may be expected), and 800 tons of iron being estimated for a mile of railway between rails, extra rails at stations, conversion of pigs, chairs, pins, crossings, waggons, engines, tenders, iron girders for bridges, culverts, tanks, &c., there is reason to infer the home demand, in addition to that which has already appeared, and now being summed for railway purposes, is sufficiently encouraging to support prices

wages for masting this trot, and there the historiny of the prices would at the late quarterly meetings, as the advanced wages cannot in every instance be applied to the iron for the supply of new contracts; but the price of iron being now so much below the average at period when the requirements in various ways were materially less important, it may be concluded, as the demand developes itself, the prospects for the future will promote higher prices to the masters and better wages to the workmen.

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ion being now so much below the average at period when the requirements in various/ways were materially less important, it may be concluded, as the demand developes itself, the prospects for the future will promote higher prices to the masters and better wages to the workmen.

MANUFACTURE OF IRON BEAMS.

Sir H do la Beche and Mr. T. Cubitt, C.E., having been appointed by Government, as a commission, to inquire into the causes of the fall of Messrs. Radeliffe's cotton-mill at Oldham, those gentlemen have made their report, which has been presented to both Houses of Parliament by command of her Majesty. As many of the suggestions and observations contained in this document, in reference to the manufacture of iron beams, are of a practical nature, and cannot fail to be read with interest, we are induced to lay an abstract of the report before our readers. The first suggestion is as to the reprehensible practice of removing beams of cast-iron, intended for sustaining weights, red-hot from the sand. The Commissioners say:—"We consider that even good cast-iron may be rendered comparatively brittle by sudden cooling, judging from what is known on the subject of the cooling of many substances, the more sudden application of cold to a substance in igneous fasion producing the brittle quality oxemplified in the various glasses; more moderate cooling furnishes compactness—while more protracted refrigoration causes, in many bodies, crystallisation, which may become of such an order, from the occurrence of large crystalline planes, as to render fracture more casy in the line of such planes, being those of least resistance, than in the intermediate state producitive of compactness. Unfortunately it is considered a saving, particularly in small foundries, to remove cashings red-hot from the sand. Mr. Whitworth points out that not only is room acquired, where it is so needed, in such foundries, by this practise, but that a swing also is effected in the sand employed, which becomes burnt and destroyed near the castings, while t would produce could hardly be calculated; for, in addition to that required for our own use, an immense demand would grow up for exportation, as it would provide the means of making safe and durable fire-proof buildings—what every person desires, but which at present is very difficult to attain. Thus the community at large would be benefited by an extensive manufacture of wrought-iron, and particularly all the public works under the immediate control of her Majesty's Government. All build in the public works are constituted as storehouses, harners, or hospitals, might be referenced. ings, whether used as storehouses, barracks, or hospitals, might be rei-dered more safe and more permanent. Large beams of wrought-iron might be very advantageously employed in shipbuilding generally, and more especially for supporting the decks over the boilers of steam-vessels. And to conclude, another step would be taken, in order to secure to the na-tion that pre-eminence it has hitherto maintained in the manufacture of iron.

Capt. Brandreth, R.E., F.R.S., the director-general of works; Mr. Lloyd, of Woolwich Dockyard, chief engineer and inspector of machinery; Mr. Owen, master of the metal mills at Portsmouth; and Mr. Nasmyth, machine manufacturer of Manchester, have been appointed by the Admiralty to form a committee, and to visit the several dockyards of the kingdom, for the purpose of entering into a minute examination at each, of the present mode adopted for the manufacturing of iron, copper, and all other metallic articles for the anval service.

#### PRACTICAL MINERS' GUIDE.

In following up our analysis of the new edition of Mr. John Budge's Practical Miners' Guide, we next come to a treatise on cordage, its quality, manufacture, and choice, with rules and tables for the weight, and numb of threads contained in any size rope; and, it is certainly most desirable, if not absolutely necessary, that every person who is intrusted with the management of a mine, should possess some means of obtaining, with a degree of certainty, the quality and weight of the ropes he may have occesion to use; otherwise, the lives and property intrusted to his care will be continually placed in jeopardy, and his employers be always subject to impositions respecting the charge; because, in many cases, from its great bulk, it cannot be weighed, and the weight, therefore, can only be ascertained by computation. There are various methods of testing the quality of hemp; but, as miners have seldom an opportunity of inspecting the arof hemp; but, as miners have seldom an opportunity of inspecting the article in its raw state, we shall show how it may be proved after its having been impletely manufactured. The first thing that demands our particular adention is, the size of the yarn, or thread, of which the rope is composed. There is a certain guage, or standard, for this, known among ropemakers by the terms sixteens, eighteens, twenties, &c., which means sixteen, eighteen, or twenty yarns in the strand, or third part of a rope, three inches in circumference. The following table shows the weight of the different sizes of yarn before it has gone through the operation of tarring:—

	Size.	Length.	Weight.
			7 2lbs. 13 oz.
	** ** ** ** ** **	200 A41	3 8
18		170 fathoms.	1 3 15
	*********		4 6
15			L 4 10

Now, the true standard size for shroud laid rope is twenties; and, it is of consequence that agents should give their orders accordingly, and afterwards be assured that their ropes have really been made with yarns of this grage. In order to prove this first girt—the circumference of the rope—then count the yarns in the strand; and, lastly, refer to the following table, and note if the number corresponds with that standing in the proper co-lumn, opposite the dimensions of the rope:—

Size of	Size of	yarn S	ze of yarn wentles.	Size of rope.	Size of yarn sixteens.	Size of yarn twenties.
Inch.	Ne		No.	Inch.	No.	No.
2	7	******	9	. 91	160	200
24	10	******	14	. 10	177	222
					196	
34	21		27	11	215	268
4	28		35	114	235	293
					256	
					278	
					300	
6	64		80	134	**** 824 ****	405
64	75		93	34	348	435
7	87		109	144	374	467
					400	
8	113		142	151	427	535
81	128		160	16	455	569
9	144		180	164	484	605

8 113 142 160 16 455 669
9 144 160 16 455 669
9 144 605 16 455 669
9 144 160 16 455 669
Manufacturers have many inducements for spinning their yarn large; first, it is less expensive, for it requires no more time to spin a large yarn than a small one, and sixteen or seventeen yarns, by a little maneuvring, will answer the end of twenty. Secondly, in large yarns, inferior or refuse, hemp can be spun, which cannot be done in yarns, of a smaller size, and this consideration alone should cause the agent to be exceedingly particular in having his rope made of standard yarns; and, let it be remarked, that, although a rope made of sixteens or eighteens will be nearly equal in weight to one made of twenties, yet by no means will it becqual in strength even if made of the very same kind of, oreven sperior, hemp; for, although it might be said, what is wanting in number is made up in bulk, it will no more support an equal weight in proportion than a body of raw hemp the size of a cable will be as strong as the cable itself. By inspecting the table, it will be seen that the strand of a sixteen such capstan rope made of twenties, contains 569 yarns; but if made of sixteens, only 455 yarns—making a difference in the whole rope of 342 yarss. To prove the quality of the hemp and yarn, cut from the end of therope several of the yarns in six feet lengths, and each of these should bear 70 lbs, at the least. Regard must next be paid to the last part of the manufacture called the lay, or twist, of the rope, and this should undergo a strict examination, as much depends on the skill and attention used in this part of the process; for, it is very possible that the best materials may be used, the yarn spun of the proper size, and with the greatest care, and yet the rope be very defective, and not fit to be depended on; it may be easily discovered by laying the rope in a straight line, and, if either of the strands is observed to "mount" or "fall"—that is, rise or sink above or below the others to any extent, the rope has been crippled the rope has been crippied, or inevitally spointed; for, in the case of one strand rising, that strand will break before the other two have been brought to the strain, or have borne any considerable portion of the weight. These great defects in cordage, are too often to be found, and almost as often pass unobserved; but, they may always be detected by close inspection, and thereby many of the serious injuries and fatal accidents, which so often take place in mining, happily prevented. The process of tarring is not sufficiently attended to, for as nearly all cordage used in mining is much exposed to the alternate influence of sun and moisture, which tends greatly to accelerate its decay, it ought, by all means, to contain a greater quantity of tar than is generally used—the common rule is 1 to 5½, or 1 to 6, but the proportion of 1 to 4½, or 1 to 5, would be much better; this increase we mean for standing ropes only, such as capstanropes, &c., as, from the comparative unfrequency of their use, and the length of time they endure, they are equally liable to injury from mould and decay, as from strain and friction. The common practise of tarring the surface of the rope after it has been manufactured, is of very little service; the way recommended is by reducing the ordinary weight suspended to the lever during the process of tarring the yarn in the manufactory, when it is drawn in a body from the heated coppers through the knipper, whereby the tar being lodged in the interal part of the rope, cannot fail of preserving it under all circumstances.

In the third portion of the work is a treatise on the "Plans and Sections of Mines," in which is briefly, but clearly, laid down the best methods to be pursued for obtaining them correctly. He observes, it requires four distinct mathematical, or geometrical, drawings, to represent a mine, and the knowledge necessary for the observer is, what parts of the workings it is that each drawing furnishes a true delineation of; the plans required are the following—viz, ground plan,

for want of this precaution how often have shafts been sunk in improper places, to the endless disadvantage of the company—in fact, there are few mines where the conductors have not had cause to regret ultimately that they had not taken another position for sinking the principal shafts, and which might have been known at the outset, if the necessary steps had been taken. The horizontal or working plan—this is the miner's chart, his guide, his right hand; whoever attempts to conduct the operations of a mine without a perfect working plan is unfit for his office, and the very circy tance of his supposing himself capable of doing so, is a certain proof of an ignorance. The longitudinal section—this is a drawing supposing a section of the ground had been cut away, and that a side view of the mine is exposed; if it is an east and west run the observer is placed at the south of the mine, and takes a panoramic north view of all the excavations. Transverse section—there also the view is taken from one end of the lode northerly, the observer is placed at the west end, with his face easterly, when he will have a fair view of the declinations of the shafts and winzes that have been sunk on the course of the lode, and thereby he will see all the dip and variations of the lode from the surface to the bottom of the mine. This section will exhibit a regular and correct view of all the drifts, or cross-cuts, from the shafts to the lode, and from this data, or the extreme ends of the cross-cuts, the declination of the lode will be conspicuous. The work closes with directions for the best methods of carrying on their several plans, to make them harmonise, and of utility in future workings, with a variety of established rules. A short chapter on geology closes this very useful work, which will be found of great practical utility, particularly to the young miner Particularly to the young miner

#### Mining Correspondence.

ENGLISH MINES

Front 28450 8 7

Cash in hand end of March 9211 0 7

Total 101 9 2

From which deduct dividend, 14th July, 30l. per share, 2100l.—leaving a balance in hand of 200ll 98. 2d.

HOLMBUSH MINING COMPANY.

July 22.—In the 120 fm. level, west of the cross-cut, the lode is six inches wide producing good stones of ore; in the south cross-cut the ground is favourable, for driving. In the '110 fathom level, west of Hitchins's shaft, the lode is eighteen inches wide, and worth 26l. per fathom; in the stopes, in the bottom of this level, the lode is fifteen inches wide, and worth 25l. per fathom; in the stopes, west of the sump winze, the lode is twenty inches wide, and worth 28l. per fathom; in the stopes, west of the sump winze, the lode is twenty inches wide, and worth 22l. per fathom; in the stopes, west of Lobb's winze, the lode is one foot wide, and worth 9l. per fathom; in the stopes, west of Goldsworthy's winze, the lode is one foot wide, and worth 9l. per fathom; in the stopes, west of Boldsworthy's winze, the lode is one foot wide, and worth 12l. per fathom in the 100 fathom level, west of Hitchins's shaft, the lead lode has a promising appearance, and still continues to turn out some tolerable good work; in the stopes, in the back of this level, the lode is two feet wide, and worth 30l. per fathom. In the ninety fathom level, west of Hitchins's shaft, the lode is simall and poor. In the sixty-two fathom level, west of Hitchins's shaft, the lode is six inches wide, producing stones of ore. In the rise in the back of the eighty fathom level, against Bray's shaft, the ground is favourable. The engineers are getting on expeditiously with the new engine, the wall plate, main bob, cylinder bottom, and cylinder being fixed in the engine house: they will be quite prepared with their work by the time we have changed the pitwork in the shaft, which we intend commencing next week. T. Richards.

will be quite prepared with their work by an ext week. T. Richards. work in the shaft, which we intend commencing next week. T. Richards. West wheat Jewel Linning Association

July 21.—The 100 fathom level east, on Wheal Jewel lode, is still worth 101. per fathom; in the 100 west, on ditto, the lode is six inches wide, composed of spar and spots of ore. In the eighty-five east, on ditto, the lode is rather disordered; in the eighty-five west, on ditto, the lode is three and a half feet wide, worth 101, per fathom. In the seventy west, on ditto, the lode is two and a half feet wide, worth 71 per fathom. In the eighty-five west, on the new south lode, the lode is fifteen inches wide, composed of fine gossan and spar. The forty-two east, on Buckingham's lode, is six inches wide, unproductive. The thirty east, on Morcom's lode, is three feet wide, composed or gossan and spar; the thirty west, on Tolcarne lode, is two and a half feet wide, containing stones of yellow ore. No lode taken down in Wilkinson's engine-shaft in the past week.

of yellow ore. No lode taken down in Wilkinson's engine-shaft in the past week.

S. Lean. R. Johns.

TRELEIGH CONSOLS MINING COMPANY.

July 19.—Christoe shaft, below the eighty, is in the country. In the end driving west, below the eighty, the lede is three feet wide, worth about 30\(lambda\), per fathom. Garden's shaft, below the seventy, is sinking in the country. In the seventy, west of Good Fortune, the lode is two and a half feet wide, with stones of ore; in the seventy, east of ditto, the lode is two feet wide, but little mineral. In the sixty, west of ditto, the lode is two and a half feet wide, worth 161, per fathom, and still likely to improve; in the sixty, east of ditto, the lode is twenty inches wide, producing stones of ore. In the fifty, west of Symons's, the lode is two and a half feet wide, worth 62, per fathom; in the winze, below the fifty east ditto, the lode is two feet wide, worth 62 per fathom. In the thirty-four, west of ditto, the lode is twenty inches wide, producing good stones of ore and mundic. In the twenty, west of ditto, the lode is eighteen inches wide, looking more kindly, producing some ore and mundic. In the adit, west of ditto, the lode is eighteen inches wide, looking more kindly, producing some ore and mundic. In the adit, west of ditto, the lode is eighteen inches wide, not much mineral.—W. Symons.

wide, looking more kindly, producing some of and mineral.—W. Symons.

BEDFORD UNITED MINING COMPANY,

July 21.—At Wheal Marquis there has been no lode taken down in the seventy fathom level east since last report. The lode in the fifty-eight fathom level east is two feet wide, composed of spar, mundic, and ore, and presenting a much more promising appearance than it has for some time past; and in the eastern winze in the bottom of this level the lode is two feet wide, and worth 10l, per fathom; in the stopes west of the western winze in this level (the fifty-eight) the lode is two feet wide, and worth 10l, per fathom. The lode in the rise, in the back of the forty-seven fathom level west, is twenty inches wide, and worth 6l, per fathom. The men are still employed rising in the adit level. The pitches are without alteration. At Ding-Dong there has been no lode taken down in Thomas's engine-shaft for the past fortnight. At Wheal Tavistock there is no material alteration in Phillips's engine-shaft, or in the twenty-five fathom level west, the lode being two feet wide, composed of gosan, spar, mundic, and ore, saving work.

COOK'S KITCHEN MINE. an, spar, mundic, and ore, saving work.

transport of them level west, the lode being two feet wide, composed of gosts an, spar, mundic, and ore, saving work.

JAMES PHILLIPS.

COOK'S KITCHEN MINE.

July 19.—We still continue to drive on the flookan part of North Tincroft lode. In the seventy fathom level east we have about nine fathoms more to drive to communicate with the eastern shaft, where the ground is favourable, the price for driving being 41 per fathom. We have suspended the seventy west for the present, not having sufficient air to drive both levels at the same time, but intend to resume it as soon as the eastern end is holed to the shaft, and have sunk about two fathoms under the seventy fathom level, for which we are giving 121 per fathom for ten fathoms. Eudey's lode, in the ninety-two fathom level, is three feet wide, unproductive. At Chapple's, in the 170 west, we have been carrying the lode three and a half feet wide, which is worth 351, per fathom; we have suspended driving this level, and have set a rise in the back of the end to hole to the 160, which, when completed, will enable us to set tribute ground to great advantage; the price for rising is 21 per fathom. Since our last we have holed the winze from the 148 to the 160, and have this day set two pitches—one east, and the other west of the winze, at 3s. 6d. in the 14. each, allowing the tributers 454 per ton for the tin. We have also set the 160 fathom level to drive west on the south part of this lode to six men at 31. 10s. per fathom; that part of the lode which we are carrying is three feet wide, and worth 10l, per fathom. The lode in the 140 east is at present unproductive, being disordered by the cross-course. Dunkin's lode, in the 160 west, is three feet wide, worth 51 per fathom. We have not yet cut the main part of the lode in the cross-cut south from Rogers's shaft at the twenty-nine fathom level.

July 22.—In Williams's shaft the ground is much the same for sinking as last reported. In the eighty fathom level, eastern end, the lode is three feet wide, producing stones

TIOMAS TREVENEN. ROBERT WILLIAMS.

July 21.—The new engine-shaft is now completed to the ninety fathom, and commenced driving towards the lode at that level; it will occupy three weeks, or a month to see the lode. The lode in the eighty end east is three feet wide, producing good work for copper ore, and very promising; the lode in the west end, same level, is two and a half feet wide, producing some good work for tin and copper ore. The lode in the seventy east is two and a half feet wide, worth 251, per fathom, leaving good back and bottom; the seventy west is worth about 71, per fathom; the pitches in the back of the seventy, working at low tributes, are looking excellent; we shall commence sinking Willoughby's shaft, below the seventy fathom level, in a few days. The lode in the sixty east is two and a half feet wide, producing good work for tin and copper ore, worth 101, per fathom; the west end, same level, is at present unproductive. We shall now commence driving the fifty end east in tin ground, having holed a winze from the forty on this level; we shall also be driving the forty east in tin ground, that will let at about 10s. in the 11, the lode in the fifty west is twenty inches wide, worth 81, per fathom. The lode in the firty west, driving on tribute at 9s. in the 11, is looking very promising. At Palmer's we are altering the pitwork from surface to bottom, it will occupy a fortnight more to complete it. The lode in the sixty west is from feet wide, worth 121, per fathom, and very promising; the sixty west, on south lode, is very promising, producing stones of ore. The levels, winzes, pitches, &e., in the south mine are producing fair quality tinstuff. Our next sale of copper ore will be the best that ever we had. TINCROFT MINING COMPANY.

SILVER VALLEY MINING COMPANY.

SILVER VALLEY MINING COMPANY.

Silver to say that the masons are getting on as fast as possible in building the balance bob bed, which will be completed this week—the carpenters will then fix the bob, which they are now preparing; we shall get the foundation cleared out for the bob bed at the south shaft, in order for the masons by Friday next, and all the stone taken from the old walls, being good, will be worked in the new building, which will save the expense of raising new for the purpose.

will be worked in the new building, which will save the expense of raising new for the purpose.

S. RICHARDS.

CONSOLIDATED TRETOIL MINING COMPANY.

July 21.—Henwood's shaft is down to the seventy fathom level; the lode in it is much as last reported, twenty inches wide, producing good stones of ore; we are at present casing and dividing, and hope shortly to commence driving cast and west at the seventy. The lode in the rise, in the back of the sixty fathom level, west of Henwood's shaft, is nine inches wide, producing some good ore, and opening tribute ground. The lode in the rise, in the back of the forty fathom level, east of Henwood's shaft, is nine inches wide, producing a small quantity of ore.

H. WILLIAMS.

CORNUBIAN MINING COMPANY.

July 21.—At the eighty-six fathom level, going east of Murray's engineshaft, Chiverton lode is two feet wide, saving work for lead, and we consider a promising level; there is still a pretty good lode in the western end at that level (eighty-six), but which we are obliged to suspend driving for a few days, until a winze is communicated to the seventy-eight fathom level; the three pitches working on the back of the former, or bottom, level, west of engineshaft, are much the same as reported last week—looking well. No alternation worth noticing in the tribute department at the seventy or seventy-eight fathom levels on the north lode. We sampled on Friday last, computed thirty-six tons of rich quality work.

CALLINGTON MINING COMPANY.

Like 21.—We are now energed fixing a life at the 100 fethers level. July 21.—We are now energed fixing a life at the 100 fethers level.

thom levels on the norm none.

Six tons of rich quality work.

CALLINGTON MINING COMPANY.

CALLINGTON MINING COMPANY.

July 21.—We are now engaged fixing a lift at the 100 fathom level. In
Johnson's engine-shaft at this level, driving south, we are opening tribute
ground; the lode in the north end has not been taken down. In the ninety
fathom level, both north and south, the backs we are leaving will pay for taking away at a moderate tribute. In the seventy fathom level, driving south,
the lode is improving, worth at present 7t. per fathom. At the north mine, in
the ninety fathom level, driving north, the lode is worth 5t. per fathom; the
south end is worth 9t. per fathom. In the eighty fathom level the lode is worth 4t. per fathom.

We sampled on the 19th instant a rich parcel of silver-lead ores, computed
eighty-four tons.

We sampled on the 19th instant a rich parcel of silver-lead ores, computed eighty-four tons.

GREAT WHEAL MARTHA CONSOLIDATED MINES.

July 19.—No material alteration has taken place either in the appearance, or in the produce, of the lode, in the shaft, sinking below the eighty-one fathom level since our last report; it is, however, a little larger, with a continuance of the soft and decomposing killas on both sides of it. The shaftmen have been engaged in fixing a lift of pumps below the seventy fathom level, which will be completed to-night. The lode in the forty fathom level end west is still disordered, owing to another small cross-course which we have just intersected; we have resumed sinking the winze in the deep adit level, the lode in which is four feet wide, of a promising appearance. The lode in the winze, sinking in the new engine-shaft adit, is seven feet wide, which is composed of quartz, containing iron and copper pyrites, and gossan, with good stones of ore; the ground at the point of the adit is favourable for driving. We regret being compelled to suspend operations in the ten fathom level east in consequence of not having sufficient air. It is our intention to ventilate it when the winze shall have been brought down to communicate with this level west, at the end of which the lode is at least eight feet wide, containing a great deal of mundic, with good stones of ore. We shall sample a small parcel of ore next Friday.

LEWIS MINING COMPANY.

LEWIS MINING COMPANY.

Lewis the first of the forty and the thirty was few and the thirty was few and the thirty was few and the lot thirty was few and the thirty was few a

stones of ore. We shall sample a small parcel of ore next Friday.

John Prince. Thomas Penaluna.

Lewis Minico Company.

Lewis Minico Company.

July 21.—Kuskey's engine-shaft is five fathoms under the thirty-two fathom level; the branch in the shaft is five inches wide, with good spots of yellow and black ore, water greatly increased in above shaft, Kuskey's lode; the thirty-two fathom level west is greatly improved, being now eighteen inches wide, producing some good work for tin, with occasional stones of good quality grey ore. At the twenty fathom level west the lode is one foot wide, very much disordered by a hard channel of ground. Wheal Providence lode, in the flat rod shaft, sinking under the twenty-one fathom level, is twenty inches wide, yielding some tin and promising. At Wheal Nutt we are continuing to sink under the thirty fathom level, the ground is favourable, the lode is two feet wide, saving work for tin; the lode in the thirty fathom level west is two feet wide, producing some tin; we are also driving on the lode we cut in the south cross-cut at the thirty fathom level, lode eight inches wide, saving work for tin, underlying north. The lode in the twenty fathom level east is four feet wide, composed of mundic, white iron, a soft spar, peach, &c., a very kindly work jone in the twenty fathom level west the lode is two and a half feet wide, with some good spots of black ore. The ten fathom level enest is every kindly lode; in the twenty fathom level west the lode is two feet wide, producing good work for tin; on the whole the prospects are very encouraging.

RANSON MINING COMPANY.

July 21.—Stainshy's engine-shaft is now sunk eight fathoms below the shift

HANSON MINING COMPANY.

July 21.—Stainsby's engine-shaft is now sunk eight fathoms below the adit, in which the lode is fifteen inches wide, with stones of ore regular throughout, ore of good quality, and a very kindly lode. The horse whim shaft at freza is sinking north of the lode, and expect the lode to come into it ten fathoms below the adit; we are now under adit four fathoms in good ground. At Hanson, in the fifty-four fathom level, west of engine-shaft, the lode is twelve inches wide, with some ore. In the forty-four and thirty-one fathom levels, east of Garden shaft, the lode is small and unproductive.

Z. WILLIAMS.

FOREIGN MINES.

FOREIGN MINES.

West India Mail.—The Tweed arrived at Southampton, on Sunday, with an unusually costly freight, consisting of \$65,000 in gold and gold dust from Jamaica, 1600L worth of pearls from Chagres, 20,000L of precious stones from Carthagena, besides various quantities of coffee, ginger, sarsaparilla, &c.

BRALLIAN COMPANY.

Cata Branca, April 23.—We are again attempting to take down the arches, but I fear much dangerous ground will be met with; and, it is still doubtful if the breastwork will sustain the heavy shocks from the large masses of reek which must fall to the bottoms.

April 29.—In working the first, or largest, arch, instead of finding it solid ground as was expected, it has been found worked out like an egg scooped out leaving the shell standing. This piece of ground must have been exceedingly richdo have answered the purpose of the former owners so working, as fire seems to have been the only means they used to break the stone.

May 14.—The stone broken from the arches, is now hauled by a land tackle, and carted to the stamps; this is its third day's stamping. A stone showing

and carted to the stamps; this is its third day's stamping. A stone showing gold is now and then seen, but the produce of the mass is miserably poor. Gold return for five weeks to the 9th of May, 13 lb., 1 oz., 19 dwt., 20 gt.

TRENOW CONSOLS MINES.—At a meeting of the adventurers, held at a offices, 8, George-yard, Lombard street, on the 21st instant, a dividend of 1 per 1-256th share was declared, and a balance carried forward to the next a count of 1028t. 2s. 8d.

per 1-256th share was declared, and a osamuco carries to the continue good, and warrant the favourable price which the shares bear in the market. In the twelve fathom adit end north there is a splendid lode sixteen inches wide, producing capital stones of ore; in the twelve fathom south the leader of the lode is one foot wide, solid lead, inclosed in, or covered with, gossan. In the twenty-two fathom level north the lode is three feet wide, the leader of which is sixteen inches big, composed of lead and fluor spar; the twenty-two fathom level south is much of the same character, and equally as good. Forty-one tons of ore were sold on the 11th inst., producing 697t.—From a Correspondent.

MINE ACCIDENTS.

Hanson Mine.—J. Benney was killed by falling into one of the shafts.

Wheal Neptune, Boscastle.—J. Dawe fell off a ladder, and was so severely injured that he died the next day.

Wednesbury.—A miner employed in a coal-pit at Hill Top, having ascended to light his pipe on bank, his foot slipped, and he was precipitated to the bottom.

Newcastle.—Through negligence, in allowing the boiler at Edmondsley Col-

Newcastle.—Through negligence, in allowing the boiler at Edmondsley Colliery to remain faulty, it exploded, by which Irwin, the engineman, was killed. Jesmond Colliery.—For a long time some parties have been engaged sinking a shaft near Jesmond Cemetery, for the purpose of winning a colliery, intended for land sale. On Wednesday last, however, after a heavy fall of rain, the machinery used for sinking the shaft fell, owing to the earth breaking through the sides of the shaft—fortunatelyno lives were lost.

Bilston.—E. Walker was killed at the Bier Bed Colliery.

Cyfarthfu Fron-Works.—As W. Jones, L. Powell, D. Davies, and T. Jones, were descending the Winch Fawr in a bucket, the chain broke, and they were precipitated to the bottom, and all killed.

ACCIDENTS IN MINES—SINGULAR SUPERSTITION
Sin,—In the last Number of your Journal, some one has told us, that if less of
life by accident takes place in the mines of South Staffordshire, no regular work
is done, although weeks may elapse, before the remains of the sufferers are discovered, and the pit is left deserted of tig usual occupants, till the body is consigned to its resting place—and then he gives us the reason; and says it is not
surprising, considering the habits and occupation of miners, that a superstition
throad should possess them, on occasions of any of the fearful visitations to which
they are subjected, the impression on their minds being, that the spirit of the
deceased haunts the scene of their labour until the mortal remains are consigned to the grave. Will any person, with comman sense, believe this trader
in wholesale falsehood and ignorance? He is pleased to attribute it to fear,
dread, or superstition!—I say it is common decency, and the respect a pit's
company show towards an unfortunate fellow-warkman.

T. Deakin. ACCIDENTS IN MINES—SINGULAR SUPERSTITION

—In the last Number of your Journal, some one has told us, that

### Current Prices of Stocks, Shares, & Metals.

STOCK EXCILANGE, Saturday morning, Treftre d'elock Bank Stock, 210½
3 per Cent. Reduced Ann., 99½ §
Exchequer Billi, 54 56 pm.
Belgian, 4½ per Cents., 100
Danish, 3 per Cents., 100
Danish, 3 per Cents., 62½ 6
ditto, 4 per Cents., 99½ §
Portuguese, Conv., 5 per Cents., 65 ½

AGE, Securately morning, 748
Russian, 5 per Cents., 164
Spanish, 5 per Cents., 264
ditto, 3 per Cents., 374
Brazil, 5 per Cents., 374
Brazil, 6 per Cents., —
Colombia, 6 per Cents., 172
Mexican, 5 per Cents., 37
Peru, 6 per Cents., 33

Duch, 2 per Cents., 994 4

ditto, 4 per Cents., 994 4

ditto, 4 per Cents., 994 4

Portuguese, Conv., 5 per Cents., 65 4

SHARE MARKET.

Mines.—In shares little has been doing; prices, however, remain steady.

Rahways.—This has been an important week in railway operations, and many have been losers and winners in these schemes, according to the chance each party considers there is of this or that line being successful. The grand announcement to the jobbers in railways is the preamble of the London and York Railway Bill having been proved by the committee of the House of Commons. The Tottenham and Farringdon-street Extension Bill has not been proved, to the disappointment of the schemers. The official intelligence that the railway department of the Board of Trade, and the announcement to the form of the schemers. The official intelligence that the railway business will hereafter be transacted by the Lords of the Committee of Privy Council for Trade, in the same manner as the ordinary business in committee of the House of Lords, has caused a general satisfaction among speculators in the city, as the delay attending the decision of that distinct department of the Board of Trade, and the expenses incurred, rendered it a rainous scheme to many. It is fortunate for them it is defunct. On the announcement of the success of the London and York Railway scheme, the shares rose to 44 pm, but, when the speculators became more calm, they received to 4 to 4 pm. Unit when the speculators became more calm, they received to 4 to 4 pm. Midland Counties, York and North Midland, and Eastern Counties, have been very flat, as well as the Cambridge and Lincoln—whilst the Great Western has improved, and remains firm at 140 pm. The business done in the House of Lords has been rather cheering to the jobbers, the following bills having been reported upon favourably—viz, the West London, London and Southampton, and the Londonderry and Coleraine. The Mommonth and Hereford Bills, the Tunbridge and Tunbridge wells, and the Brimingham and Glo

Chester and Birkenhead £237	London and Croydon £603
Eastern Counties 758	London and South-Western 1824
Edinburgh and Glasgow 604	Manchester and Birmingham 588
Glasgow and Greenock 323	Manchester and Leeds 1107
Glasgow, Paisley, and Ayr 443	Midland Company 5546
Grand Junction 3530	Newcastle and Carlisle 102
Great Western 2462	North Union
Liverpool and Manchester 2426	Preston and Wyre 568
London and Birmingham 5107	Sheffield and Manchester 389
London and Brighton 2377	South-Eastern and Dover 5373
JONET-STOCK BANKS - British Nor	th American 49. Union of Australia

JOINT-STOCK BANKS.—British North American, 49; Union of Australia, New, 23; Colonial Bank, 154; London Joint-Stock, 14½; Australian Bank, 33; London and Westminster, 27½.

MESSRS. LAMOND'S SALES .- The following are the prices of Tuesday :-

MESSES. LAMOND'S SALES.—The following are the prices of Tucsday:—
MINES.—Wheal Betsy (34/ pd.), \$\flat{2}\], Tretoil (\flat{1}\), pd.), 8s.; Wheal Concord (2l. pd.), 9f.; Cobre (40l. pd.), 16f.; Tamar (3l. pd.), 9f.; Chroreft (7l. pd.), 13l\*; West Wheal Concord, 3l.; Blaenavon Iron and Coal (50l. pd.), 2el.; Lamarhooe Wheal Maria (\flat{1}\), pd.), 4l.; East Tincroft (1l. pd.), 20l.; West Holmbush (1l. pd.), \$\flat{2}\], wheal Susan, 7l.; Wheal Mary, 8l.; North Wheal Maria, \$\flat{1}\], Coombe Vale, 6l.; West Wheal Jewel (10\flat{1}\), pd.), 5\flat{1}\], Great Wheal Martha (3l. pd.), 4l. North Wheal Providence (2l. 2s. pd.), 2\flat{1}\]. BALLWAYS.—Wexford, Waterford, and Valentia (1\flat{1}\), pd.), 1l.; Newry, Banbridge, and Belfast (2\flat{1}\), pd.), 2l. 19s.; Worcester, Tenbury, and Ludlow (2\flat{1}\), 2l. 14s. 6d.; East Indian (\flat{1}\), pd.), 1l.; Dis and Colchester (1l. pd.), \flat{1}\), l. 1s.; Rotherham and Gainsborough (1\flat{1}\), pd.), 1l.; Uverstone, Furness, Lancaster, and Carlisle (1\flat{1}\), pd.), 1l.; Dis and Colchester (1l. pd.), \flat{1}\), l. Section Doncaster, Sheffield, and Manchester (1\flat{1}\), pd.), 1\flat{1}\), Exeter, Yeovil, and Dorset (2\flat{1}\), pd.), ps. 6d.; Cambridge and Oxford (1\flat{1}\), pd.), 1l. 8s.; Goole, Doncaster, Sheffield, and Manchester (1\flat{1}\), pd.), 1\flat{1}\), Exeter, Yeovil, and Windsor (1l. pd.), 1l. 1s. 6d.; Shrevsbury, Hereford, and North Wales (2\flat{1}\), pd.), 2l. 14s. This, 1l.; Bandon and Bantry (1\flat{1}\), pd.), 14l.; New Ross, Carlow and Kilkenny (2\structure, pd.), 1l. 1s. 6d.; Shrevsbury, Hereford, and North Wales (2\flat{1}\), pd.), 2l. 14s. This, pd.), 1l. 1s. 6d.; Shrevsbury, Hereford, and North Wales (2\flat{1}\), pd.), 2l. 14s. This, pd.), 1l. 1s. 6d.; Shrevsbury, Hereford, and Morth Wales (2\flat{1}\), pd.), 2l. 1s. Manchester and Birkenhead Continuation and Mold, 4\flat{1}\), Newport and Abergavenny (2\flat{2}\), pd.), 3l. 5s. 6d.; Armagh, Coleraine, and Portrush (1\flat{1}\), pd.), 2l. 1s. phid), 1l. 6s. 6d.; Nottingham, Va

tan Wood Paving Company (3l. pd.), 2½l.; London University (100l. pd.), 6½l.

The following were the prices realised on Friday:—Italian and Austrian (3l. pd.), 4l. 10s. 6d.; Perth and Inverness (2½l pd.), 2l. 1s.; Royal North of Spain (2l. pd.), 1l. 14s.; Dendre Valley (2l. pd.), 2l. 6d.; London and York (2½l pd.), 7l. 1s.; Dundalk and Enniskillea (2½l. pd.), 3l. 7s. 6d.; Dublin and Galway (2½l. pd.), 2l. 6s.; South Midland (2½l. pd.), 3l. 14s.; East Lincolnshire (1½l. pd.), 2½l.; Canterbury and Dover (1½l. pd.), 2l. 2s.; South Eastern and Dover (33l. 2s. 4d. pd.), 4l. 7s.; West Flanders (2l. pd.), 4l. 12s.; Orleans, Tours, and Bordeaux (4l. pd.), 11½l.; Jamaica Junction (1½l. pd.), 0l. 17s.; ditto South Midland (4l. pd.), 6l. 9s.; Chester and Birkenhead (50l. pd.), 6l. 4l.; Leicester and Bedford (2½. pd.), 4l. 15s.; Central of Spain (2l. pd.), 1l. 5s. 6d.; Waterford and Limerick (2½l. pd.), 7½l.; National Bank of Ireland (17½l. pd.), 20. 15s.

LEEDS, Turngray.—The share worked by

LEEDS, THURSDAY .- The share market has been characterised, during the past week, by an unusual activity, accompanied by an advance in prices. Croydons are in great demand at 25L per share; the success of a recent trial of the atmospheric principle on a portion of the line, and the anticipated triumph of scheme, in the House of Commons, both combine to stre the opinion generally entertained of a much greater advance on the market value of this stock. Midlands have not been much affected here by the decision in favour of the London and York; for the 40l. shares there are buyers at 284l. and the meeting on Saturday, we apprehend, will dissipate any fear that may be entertained of the injurious tendency of the London and York upon the Midland interests; long before this line can compete with it, the Midlands will pay 8 per cent. from local traffic alone, and the foresight of Mr. Hudson, in obtaining possession of the Great North of England, will be fully appreciated, when it is seen how he will have the command of all the traffic coming from the north, for the midland and southern counties. The Erewash Valley line is now before the Lords, and, we believe, will get through in the course of the week. The possession of this line by the Midlands, and the probable arrangement with the South Midland by the London and Birmingham, will enable the two great companies considerably to reduce the distance of their through route to London. Matlock and Buxtons have run up from 5½ to 7½ during the week; this line is one of the few that will maintain its value till their appearance before Parliament next spring; and its important position, and the large interest which the Midland and Manchester and Birmingham have in it, make it exceedingly probable that it will be taken up by one or other of these two companies. The Wakefield and Goole\*has proved its preamble in the House of Lords, with the singular limitation that the works are not to be proceeded with till a branch to Methley is brought before Parliament; the shares have been very lively at 24l. The gange question loss nothing of its interest, as it approaches its decision; whether justly or not, it seems likely that the issue will the opinion generally entertained of a much greater advance on the market

be in favour of the broad gauge, though perhaps a prudent committee migh hesitate, before preferring their own theoretical opinions, to the practical knowledge of the ablest man in the railway world. Rugbys are at 1½, and Worcesters at 7½ per share. West Yorkshires and Junctions are much as when we last wrote, at 6½ and 7½ per share. Thirsks have improved 20s.per share, and closed at 70s. premium. Dewsbury are at 2½. Huddersfield and Manchester at 181., and Huddersfield and Sheffield at 81. seem disposed to go higher.

R. B. WATSON, TOOTAL, & BARFF.

HULL, THURSDAY .- West York, West Riding Junction, and London and York have engrossed the chief attention this week; the market for the latter to-day is in a very excited state, and 8l. per share has been paid for them, although the closing price is 7½ to 7½ to 7½ to Hull and Selby old shares we have to note an improved demand, which is not to be wondered at, but the halves (Hull and Selby halves) are singularly enough offering at lower rates. Any one, who will be at the trouble of a calculation, will find that after making full allowance for the dividend about to be paid on the old shares, and also for the difference of interest, until the Burlington line is opened, there is a clear advantage of not less than 6l. to 7l. per share, taking the present market rates, in purchasing Hull and Selby halves in preference to Hull and Selby old. This is one of the anomalies which frequently occur in share markets; it however interests buyers of halves and sellers of old. York have engrossed the chief attention this week; the market for the latter

LATEST PRICES OF IRISH STOCKS.—3 per Cent. Consols, 99½, to 99½, ; 3½ per Cent. Stock, 101½, to 101½, ; 3½ per Cent. Debentures, 93½, ; Long Annulties, —4.—Hibernian Bank, 31½, Royal Bank, 13½; National Bank, 90.—Armagh, Coleraine, and Portrush Railway, 2ℓ, : Belfast and Ballymena, 7½, ; Cork and Bandon, 7½, ; Cork and Waterford, 1½, ; Dublin and Delfast Junction, 8½, i Dublin and Drogheda, 104½, ; Dublin and Drogheda, 104½, ; Dublin and Brogheda, 104½, ; Dublin and Kingstown, 250¢, ; Great Southern and Western, 23ℓ, : Irith Great Western, 3½, —Mining Company of Iricaland, 14½, —Wicklow Copper Mine, 18½, —British and Irish Steam, 53ℓ, ; Dublin and Glasgow ditto, 44ℓ, ; Peninsular and Oriental Company, 37ℓ.

COPPER	ORES			
and sold at Danned	Tratal	Thuma	Luly 94	1945

Mines.	Tons.			Pric	v.			Mines.	Tons.			Pri	
United Mines	.115		£5	17	0	. 1		St. George			£8		
ditto	112		7	6	6		Bolena		. 45	****	7	13	- 1
ditto	107		- 6	13	6			ditto	40		- 3	- 8	-
ditto	101		4	8	0			Leisure			3	- 5	- 1
ditto	91		4	8	0		Par Co	nsols	. 95		- 8	4	-
ditto	80		4	12	0			ditto	64	****	6		-
ditto	72		4	7	0			ditto	61	****	- 5	0	- 1
ditto	70		4	19	0		Tresave	an	. 91	****	4	5	-
ditto	67		6	1	0			ditto	65		3	10	-
ditto	53		2	13	0			ditto	48		. 5	14	-
ditto	38		- 6	0	0		Trethel	lan	. 77		3	7	-
Consolidated	. 130		3	14	6			ditto	63		5	14	1
ditto	105		4	19	6			ditto	51		3	15	1
ditto	83		4	15	6		Fowey	Consols	. 86		5	19	-
ditto	81	****	10	1	6			ditto	76		6	3	-
ditto	77		4	19	0		Hallenh		. 53		2	11	1
ditto	63		7	7	6			ditto	52		3	15	-
ditto	58		7	1	0			ditto	46		3	17	
ditto	57		5	7	0		Wheal !		-		6	19	(
ditto	55		8	10	0		.,	ditto	43		3	14	i
ditto	53		4	19	0		Treleigh	Consols.			4	7	ò
ditto	40		3	3	6		* 4 c . c . c . c . c	ditto	59		7	14	6
ditto	26		8	16	o	1	Wheal !	Ellen	-		6	11	6
ditto	9		37	0	o		William .	ditto	4		4	0	Ö
South Caradon	100		6	3	0	-	Conner	House Sla	r 45		i	14	6
ditto	89		6	5	6		Collina	ditto	36		î	7	0
ditto	80		5	15	G		Wheal .	Anna			3	18	ò
ditto	50	****	5	0	0	- 1		ethellan,			9	9	6
ditto	48			10	6			s's East D.			A	7	6
ditto	45		ā	3	6		AA TITTUTAL	ditto	16		3	ıi	6
erran St. George	61	****	3	17	6	1	Harvor	. *	-		9	0	0
ditto	41			"	a			nry		****	5	17	6
ditto	30	****	-	9	0	-	** 11. 110	my	2.0	****	9		0

	TO	TA		PRODUCE.			
United Mines906	 £4853	13	6	Hallenbeagle 151	£511	0	6
Consolidated Mines 830	 4938	6	0	Wheal Sisters 142	847	3	0
South Caradon412	 2400	11	0	Treleigh Consols 135	788	5	6
Perran St. George.				Wheal Ellen 100	647	4	0
Bolenna 256	 1227	11	6	Copper House Siag 81	126	4	6
Wheal Leisure				Wheal Anna 64	249	12	0
Par Consols 220	 1191	14	0	West Trethellan 47	163	6	6
Fresavean 204		13	6	Williams's East D 33	156	7	6
Frethellan 191	 811	3	0	Harvey's Dross 33	66	0	0
Fowey Consols 162	 981	0	0	Wheal Henry 24	141	0	0

Average standard, 113t. 13s.—Average produce, 7.—Average price per ton, 5t. 4s. Quantity of ore, 3991 tons.—Quantity of fine copper, 281 tons 5 cwt.—Amount of n 20,990t. 15s. 6d.—Average standard of last sale, 102t. 7s. 0d.—Average produce ditter to COMPANIES BY WHOM THE ORES WERE PURCHASED.

Tons Amo		
Mines Royal Company £1743	1	6
English Copper Company 441 2349		3
Vivian and Sons 3682	12	6
Freeman and Co 2489	6	6
Grenfell and Sons 4721		
Crown Copper Company 145 609	13	6
Sims, Willyams, Neville, Druce, and Co 1822 966	16	9
Williams, Foster, and Co	2	3

£20,990 15 6 

Copper ores for sale on Thursday week, at Andrew's Hotel, Redruth.—Mines and Par-cels.—Carn Brea Mines 476.—Wheal Prosper 441—United Hills 265—Par Consols 245. Trenow Consols 224—Wheal Brewer 212—Wheal Darlington 193—West Wheal Jewel 18 —Fowey Consols 163—Wheal Providence 159—Wheal Seton 125—Wheal Virgin 108-Wheal Comfort 25—North Tolgus 24—Wheal Alice 22—Wheal Hope 5.—Total, 2866 tons

### COPPER ORES

At SWANSEA, for sale July 30.—Cobre 124—123—114—48—95—92—85—71—48. Chi 52—51—50—43—43—40—39—36. Knockmahon 81—70. Bearhaven 104. Bacurans 75. Ballymurtagh 52. Glasgow Slag 49. Molland 6—4. American 4.—Total, 1604 ton

#### LEAD ORE Sold on the 21st July, 1845.

												_
Mines.			Tons.				Price.			Amount.		
North Wheal Ro	se		30	*****	£16	0	0		£480	0	0	
Ditto			10		8	6	0	*****	83	0	0	
Tot	al tons,	40		Amoun	t of m	one	ey.	£563.				
Penhallow Moor			13	*****	£17	18	6	*****	£232	0	6	
Ditto			6		15	15	0		94	10	0	
	North Wheal Ro Ditto Tot Penhallow Moor Ditto	North Wheal Rose Ditto Total tons, Penhallow Moor	North Wheal Rose Ditto Total tons, 40 Penhallow Moor Ditto	North Wheal Rose 30 Ditto 10 Total tons, 40.— Penhallow Moor 13 Ditto 6	North Wheal Rose 30  Ditto 10	North Wheal Rose 30 £16  Ditto 10 8  Total tons, 40.—Amount of m Penhallow Moor 13 £17  Ditto 6 15	North Wheal Rose 30 £16 0 Ditto 10 8 6 Total tons, 40.—Amount of mon- Penhallow Moor 13 £17 18 Ditto 6 15 15	North Wheal Rose 30 £16 0 0 Ditto 10 8 6 0 Total tons, 40.—Amount of money, Penhallow Moor 13 £17 18 6 Ditto 6 15 15 0	North Wheal Rose 30 £16 0 0	North Wheal Rose     30     £16     0     £480       Ditto     10     8     6     83       Total tons, 40.—Amount of money, £563.       Penhallow Moor     13     £17     18     6     £232	North Wheal Rose         30         £16         0         £480         0           Ditto         10         8         6         0         85         0           Total tons, 40         —Amount of money, £563.         2832         0         2563.         2322         0           Ditto         6         15         15         15         0         94         10	North Wheal Rose         30         £16         0         £480         0         0           Ditto         10         8         6         0         8         30         0           Total tons, 40         —Amount of money         £563         2832         0         6           Ditto         6         15         15         15         30         94         10         0

## BLACK TIN

Mines.		Tons.			ric				An		
Charlestow	n	164		£50	2	6		£	839	11	10 Bolithos; Williams; De Tastet
ditto		6		52	5	0			313	10	0 Williams; De Tastet
ditto		34		49	12	_6			173	13	9. Bolithos and Co.
ditto	*****	1		44	5	0			44	5	0 - Williams ; De Tastet
		Total	al tor	18, 27	12	-To	otal	am	oun	, 13	371/. 0s. 7d.

#### LATEST CURRENT PRICES OF METALS. LONDON, JULY 25, 1845. Inon-Bara. Wales. ton 7 5-7 10 0 Tin-Com. blocksg. cet. 0 0-4 10

ì	London 0 0-8 10 0		6
	Nail rods 0 0-9 0 0	Refined 0 0-4 15	0
	Hoop(Staf.) 10 0-10 5 0	Straitsh 4 2-4 3	0
í	Sheet 0 0-11 10 0	Banca 0 0-4 5	0
	Bars , , 9 10-10 0 0		0
	Scotch pig b. Clyde 3 2 6-3 5 0	" IX 0 0-2 0	0
	Russian, CCNDc 0 0-	Coke, IC 0 0-1 7	0
,	. PSI 0 0	IX 0 0-1 13	
	Gourieff 14 5-14 10 0	Ltap-Sheetkton 20 5-20 10	
	" Archangel 0 0— —	Pig, refined 21 0-21 10	
	Swedish d, for arriv. 0 0-11 10 0	" common 0 0—19 G	0
	,, on the spot 0 0-	" Spanish, in bd. 0 0-	
	" Steel, fagt. 0 0-16 5 0	" American 0 0— —	
	,, kegse 0 0-15 5 0	SPELTER-(Cake) 1 24 0-24 5	0
	Corpus -Tilef 0 0-87 10 0	ZINC-(Sheet) m export.* 0 0-30 0	•
	Tough cake 0 0-88 10 0		-
	Best selected 0 0-91 10 0	Quicksilvern	6
1	Ordinary sheets, 1b. 0 0-0 0 10	Control of the Contro	
	" bottoms . 0 0-0 0 11	REFINED METAL fon 0 0-7 2	6
ı	a Discount 21 per cent. b Net cash.	c Discount 21 per cent. d Ditt	0
i	e In kegs & and f-inch. f Discount 3 per o	ent. g Ditto 21 per cent. h Net cas	h
i	in bond. i Discount 3 per cent.	k Ditto 21 per cent. / Net cash	1.
ı	m Discount 11 per cent. n Discount 11 per	er cent. * For home use it is 321. per tor	a.
ı	Control of the Contro	4-43	20

m Discount 14 per cent.

n Discount 14 per cent.

From one was a few for forespondent.

Isox.—The demand for Weish and Staffordshire very dull; Scotch pig more in demand—there being large orders in the market at 62s. 6d., but no sellers under 65s.; Swedish iren and steel continue inactive.

Corress firm at quotations, but orders are limited.

The English, in good demand, and stocks low; in foreign there is not much doing.

The Flates.—The late reduction in price has produced many large orders.

Lead remains steady, and in good demand—no foreign on sale either here or at Liverpool.

Syllers.—The prices from India per last mail being low, there are no orders for that quarter—this article is, consequently, not so buoyant as it was a week or two since.

(Communications this week in English iron have been very limited—prices continue firm. Scotch pig-iron has been sold freely at 6is. 6d. and 62s. 6d., at which latter price several parcels are still offering in the market. At public sale this day, 449 slabs Stratts tim were sold at 80s. 6d. and 81s. 6d. In other metals no alteration.

а	PRICES OF M	IINING SHARES.
	BRITISH MINES.	BRITISH MINES continued.
	Shares. Company. Paid. Price 235 Andrew and Nanglies 23 · 80	Shares. Company. Paid Pri 96 Tresavean 10 96 128 Tregardock 5 128 Tokenbury 102 8
7	235 Andrew and Nanciles 23 80	96 Tresavean 10 950
ī	235 Andrew and Nanglies 23 · · 80 96 Bell · · · · · 10	198 Tragardock
d	4000 Bedford 24. 54	128 Tokenbury102 81
	100 Botallack	956 Trenow Consols 136
•	10000 New British Iron, regis. 10 25 6	190 Treviskey and Barrier 61 956
П	- Ditto ditto, scrip 10 201	5000 Treleigh Consols 54
	- Ditto ditto, scrip 10 201 8000 Blaenavon 50 32	139 Tokenbury 103 81 256 Trenow Consols - 139 130 Treviskey and Barrier 61 256 5000 Treleigh Consols 54 3 9600 Tamar Consols 3 8
ı	190 Browner	6000 Tineroft 7 13
١,	128 Budnick Consols — 35 100 Bwlch Cwmerfin 20 60	6000 Tincroft 7 13 128 Trewellard 12 95
1	100 Bwich Cwmerfin 20 60	1024 Trelawney Consols 1 . 2 246 Ting Tang 17 . 31 4000 United Hills 5 . 5
. 1	100 Barristown	256 Ting Tang3 17 31
П	5000 Con. Tretoil Mining Ass. 21 1	4000 United Hills 5 5
1	128 Cosheen 20 200	100 Tinted Mines 1000 900
ч	114 Charlestown 300	
1	114 Charlestown 300 3200 Cornubian Lead Co 3 24	6000 Wicklow Copper 5 18 512 West Fowey Consols 40 35
П		384 Wheal Franco 20 65
1	2560 Cook's Kitchen	312 West Fowey Consols     40     35       384 Wheal Franco     90     65       128 Wheal St. Andrew     65     20       127 Wheal Virgin     29       256 West Caradon     40     390
1	1000 Carn Brea 15 80	127 Wheal Virgin 90
1		256 West Caradon 40 390 3845 West Wheal Jewel 101 5:
1	256 Caradon Wh. Hooper. 3 10	
1	128 Caradon Consols 45 159	130 West Trethellan 5 40
1	256 Caradon Copper Mine 11 5	128 Wheal Rose 40 20
1	200 Caradon Wn. Hooper. 5 . 10 128 Caradon Consols. 45 . 150 236 Caradon Copper Mine 1½ . 5 128 Caradon Mines . 3 . 60 236 Caradon United . 16 . 16 128 Creeg Braws . 120 . 100 1990 Commartin . 4 . 10	128 Wheal Rose   40   20   256 West Wheal Tolgus   6   121   1000 Wheal Harriet   4   2   128 Wheal Penrose   5   128 Wheal Penrose   5   128 Wheal Penrose   16   150
ł	256 Caradon United 16 16	1000 Wheal Harriet 4 2
1	128 Creeg Braws 120 100	128 Wheal Penrose 5
ı		128 Wheal Providence 16 150 68 Wheal Clifford 500
1	240 Craddock Moor 3 70	68 Wheal Clifford 500
1	128 Condurrow 10 21	128 Wheal Providence 16 150 68 Wheal Clifford
ı	186 Dolconth 90	128 West Basset 10 30
ł	1000 Dhurode 2 5	128 Wheal Acland 13 . 14 256 Wheal Sisters 451 90
1	10000 Durnam County Coal. 45 . 9	256 Wheal Sisters 454 90
1	128 East Pool	99 Wheal Seaton 150 400
1	94 East Wheal Crofty 470	200 West Seaton 35
ı	1000 Dunrodo   2   5	200 West Seaton
Ł	exe Fast Wheel Alfred	110 Wheal Hope (Zennor) 14 18
ł	200 Fast Tamer Console	256 Wheal Hope 7 5
ı	512 Fowey Consols 110	4000 Wheal Martha Consols. 3 5
ı	944AGrambler & St Anhyn - 75	130 Wheal Trelawny 101 200 256 Wheal Norris 61 8
ı	100 Great Consols 1000 500	110 Wheal Hope (Zennor). 14 18 236 Wheal Hope (Zennor). 7 4000 Wheal Martha Consols. 3 5 130 Wheal Martha Consols. 3 5 256 Wheal Martha G 4 6 256 Wheal Tertuna. 4 4 107 Wheal Trevana. 4 2 108 Wheal Cartilbon. 10 2 198 Wheal Cartilbon. 10 2
ı	1000 Gedolphin	107 Wheal Trevilson 10 2
ı	256 Gonamena 6 120	128 Wheal Catherine 54 14
1	956 Green Valley 17 5	128 Wheal Catherine 51 14 256 West Providence 71
	512 Fowey Consols     110       244βGrambler & St. Aubyn     75       100 Great Consols     1000     500       1000 Gedolphin     35       256 Gonamena     6     120       236 Green Valley     17     5       29000 Galvanised Iron Co.     10     11§       100 Grogwinion     5     20       4000 Gunnis Lake     1     3       128 Gover     23     200       10000 Hibernian     124     20       10000 Hibernian     124     20	256 West Providence 74 256 Wheat Robins 13 16 256 West Wheal Treasury 12 9 256 West Wheal Shephard 2 10
Г	100 Grogwinion 5 20	256 West Wheal Treasury 12 9
ı	4000 Gunnis Lake 1 3	256 West Wheal Shephard. 2 10
ı	128 Gover	
ı	10000 Hibernian 121 1	128 Wheal Reeth 1 60 128 Wheal Gill 171 20
l	1000 Holmbush 14 263 128 Hallenbeagle 50	128 Wheal Gill 174. 20
ı	128 Hallenbeagle 50	128 West Cargoll 2 15
1	1000 Hanson 5 8 800 Hawkincor 2 41 1000 Harrowbarrow Consols 14 3	256 Wheal Mary 1 5
1	800 Hawkinoor 2 41 1000 Harrowbarrow Consols 12 3	200 Which Concord 4 10
ı	160 Levant	128 Wheal Venland 24 104 256 West Wh. Friendship — 5
ı	160 Levant	256 West Wh. Friendship 5 128 Wheal Prospect 4 9 256 Wheal Victoria 2 . 10 240 Westerlake
ŀ		256 Wheal Victoria 2 10
Г	128 Ludcott 3 3	256 Wheal Victoria 2 10 240 Westerlake 3 3
	128 Ludcott 3 3 256 Lambo 5 134	240 Westerland 3 3 3 1024 Wheal Maria 1 500 256 Wheal Fortescue 12 20 256 West Wh. Maria 28 26 West Wh. Maria 28 26 West Wh. Maria 28 26 26 26 26 26 26 26 26 26 26 26 26 26
	- Mary Ann 38 00000 Mining Co. of Ireland 7 14	1024 Wheal Maria 1 500 256 Wheal Fortesene 1 20
2	0000 Mining Co. of Ireland 7 14	256 West Wh. Maria 28
1	9800 Marke Valley 10	256 West Wh. Maria
	70 North Roskear 610	
	200 North Holmbush — 15	512 Wheal Sarah 24 5
	100 North United 38 45	206 Wh. Mexico 2 9
	256 North Wheal Rose 224 50	256 Wheal Boscastle 34 9
	256 North Treburget 1 5	FOREIGN MINES.
	70 North Roskear 610 200 North Holmbush 15 100 North United 38 45 256 North Wheal Rose 22\$ 50 256 North Wheal Rose 22\$ 50 100 North Pool 11 22\$ 25 5000 Northern Coal Co. 23 2 28 North Wh. Providence 15 9	5000 Alten Mining Company 141 2
1	5000 Northern Coal Co 23 . 2	15000 Asturian Mining Co 5 34
		10000 Anglo-Mexican Co100 3
	600 Old Delabole Slate Co. 25 45	3374 Ditto Subscription · · · · 25 · · 4
	128 Par Consols — 770 256 Penhallow Moor 15 5	10000 Angue-Mexican Co.   100   3   3374 Ditto Subscription   25   4   2000 Bolanos   150   64   19000 Ditto Scrip   15   5   10000 Brazilian Imperial   21   5   10000 Cata Branca (Braz.Co.)   6
	256 Penhallow Moor	19000 Ditto Scrip 15 51 10000 Brazilian Imperial 21 51
	100 Penrhiw 30 65	10000 Brazilian Imperial 21 54
	256 Penallow Moor . 15 . 5 128 Pen-y-Cefn Mine . 50 . 55 100 Penrhiw . 30 . 65 1000 Rhymney Iron . 50 . 30	10000 Cata Branca (Braz.Co.) 64 —
*	956 Rose Consols 10 7	12000 Copie Copper Co 10 191
1	1000 Rosewall Hill 1 24	5000 Ditto Serin
-	500 Silver Valley 2 2	10000 Copiano Mining Co 14 94
	800 South Towan 10 11	10000 Copiapo Mining Co 14 21 20000 General Mining Ass'n. 20 14
	280 Spearn Moor 20	8500 Colombian Co. regis.   55   42
1	000 Stray Park 43 . 20	12000 Mocaubas & Cocaes 25 44
	128 South Wheal Basset 250	20220 f Rl.del Monte, regis. ) act f 34
	128 South Caradon 5 600	Ditto unregistered   4
	- South Wh. Francis 50	Ditto Black ditto 17 Ditto Loan Notes 150 117
	206 St. Austell Consols 4 10	Ditto Black ditto 17
	200 South Wheat Rose 3 3	Ditto Loan Notes 150 117
	956 South St Cooper 71	7000 Royal Santiago 10 234
	120 Trethellan	2000 Pachuca Mines 3 10
	1000 Rhymney Iron   50   30   226 Rose Consols   10   7   1000 Rosewall Hill   1   2\frac{1}{2}   1500 Sliver Valley   2   2   1500 Suth Towan   10   1\frac{1}{2}   280 Spearn Moor   20	11000 St. John del Rey 15 8‡ 43174 United Mexican 28‡ 4‡ ‡
_		and a second of the section of 1
-	DATEMAN SHADE THE	NE ON A PRICE PROPERTY.
_	RAILWAY SHARE LIST, A	IND TRAFFIC RETURNS.

	Name of Railway.	Rway.	tual cost.	share.	Share.	Div.	1845	1844
	Arbroath and Forfar	15	£140,782	20	241	21 p. c.	£220	£206
_	Birmingham and Gloucester	55	1,527,267	100	135	4	-	3117
IT-	Bristol and Birmingham	90#			-	4		-
yn 62	Bristol and Gloucester	371	667,823	30	59	4	-	-
65	Chester and Birkenhead	15	520,231	50	60	2	883	584
00	Dublin and Drogheda	32	579,253	60	104	4	810	708
	Dublin and Kingstown	6	349,736	100	251	9	1233	1211
IT-	Dundee and Arbroath	17	153,416	25	36	5	436	422
-	Durham and Sunderland	19	302,116	50	251	2	550	444
88	E. Counties & North. & East.	84	4,090,323	45	21	5	5765	5204
-	Edinburgh and Glasgow	46	1,686,926	50	. 31	5	3386	2570
18.	Glasgow, Paisley, and Ayr	51	1,081,531	50	82	. 5	2571	1585
-	Glasgow, Paisley, & Greenock	23	797,643	25	20	2	1544	1335
	Grand Junction	119	2,503,671	100	239	10	11053	9775
m	Gravesend and Rochester	6	85,000	50		8	346	-
ao	Great North of England	45	1,280,076	100	230	6	-	1762
18.	Great Western	220	7,455,689	80	220	8	19456	18461
10.	Liverpool and Manchester	31	1,698,626	100	213	9	8552	6243
-	London and Birmingham	120	6,614,996	100	243	10	22001	19641
	London and Blackwall	4	1,078,851	161	101	14	1550	1653
- 1	London and Brighton	56	2,637,753	50	79	6	5800	4864
- 1	London and Croydon	10	797,845	134	26	4	1857	611
- 1	London and Greenwich	4	1,038,340	124	11	-	1000	-
- 1	London and South-Western	93	2,604,405	50	78	10	10644	853C
- 1	Manchester and Birmingham	31	1,959,062	40	624	5	4013	3274
- 1	Manchester & Leeds & Hull	87	3,972,869	73	180	8	7005	6438
- 1	Manchester, Bolton, & Bury	10	792,336	93	169	54	963	929
- 1	Midland	179	6,259,838	100	192	6	16868	10113
- 1	Newcastle and Carlisle	65	1,137,385	100	118	5	1666	1901
_ [	Newcastle and Darlington	221	506,788	24	56	8	2842	1629
- 1	Newcastle and North Shields	7	316,869	50	691	6	516	392
- 1	North Union, Bolton & Preston	32	1,028,593	100	179	62	1875	1702
- 1	Preston and Wyre	22	432,014	50	321	2	822	564
- 1	Sheffield and Manchester	19	690,000	871	133	5	-	582
	South-Eastern and Dover	88	3,773,249	334	47	34	7546	5404
et	Taff Vale	30	595,090	100	1044	3	1169	935
- 1	Ulster	25	358,353	32	521	23	591	491
	Yarmouth and Norwich	201	250,037	20	294	5	431	470
-	York and North Midlend .	53	1,107,146	50	110	10	5264	3072
- 1	Paris and Orleans	-	2,082,916	20	461	8	6041	5184
• !	Paris and Rouen	-	1,995,306	20	414	74	6111	516I

Name of Railway.	Price.	
Aberdeen		North Wales Mineral 163
Armagh, Coleraine, and Portrush		North Wales 2
Bristol and Exeter		Richmond and West End Junction . 4
Brighton, Lewes, and Hastings	254	Rugby, Worcester, and Tring 1
Caledonian		South Wales 6
Cambridge and Lincoln		South Devon 292
Churnet Valley	. 6	Scottish Central 64
Chester and Holyhead	214	Shrewsbury and Grand Junction 5
Cornwall		Shrewsbury, Wolverhampton, &c 41
Coventry, Bedworth, & Nuneaton		Staines and Richmond 11
Coventry and Leicester	. 1	Scarborough 48
Direct Northern to York		Scottish Midland 21
Direct Norwich		Trent Valley 18
Dublin and Belfast	9	West Yorkshire 21
Dublin and Galway	. 2	Waterford and Kilkenny 21
Dublin and Mullingar		Yarmouth and Norwich 294
Ely and Bedford	. 24	York and Selby 76
Eastern Union	. 22	Boulogne and Amiens 11
Essex and Suffolk	. 21 3	Bordeaux and Toulouse 21
Gt. Southern & Western (Ireland)	. 221	Ditto, Toulouse, and Cette 12
Great Grimsby and Sheffield	. 54	Dieppe and Paris Junction 11
Guildford, Farnham, and Portsmout	h 2	Central of France 16
Kendal and Windermere	. 41	Great Northern of France (Lafitte's) 64
Lincoln, York, and Leeds	. 1	Lyons and Avignon 24
London and York		Orleans, Tours, and Bordeaux 111
Lynn and Ely	. 61	Orleans and Vierzon 16
Lynn and Dereham		Paris and Lyons (Ganneron's) 24
Lancaster and Carlisle		Paris and Lyons (Lafitte's) 3
Londonderry and Enniskillen	. 3t	Paris and Strasburg (Ganneron's) 2
Londonderry and Coleraine	. 41	Paris and St. Quentin 14
Newcastle and Berwick	. 20	Rouen and Havre 301
Newcastle New (Brandling)	. 40	Royal North of Spain 1
Newark and Sheffield		Sambre and Meuse 71
Newry and Enniskillen	. 31	Strasburg and Basle 104
North British	. 26#	Tours and Nantes (Mackenzie's) 24
North Kent		Ditto (Levevres) 42
Norwich and Brandon	. 201	West Flanders 41
CONTRACTOR OF THE PARTY OF THE	Mary Town	

May,
This and was to have being so geptoners.

London:—Printed and Published, weekly, by Henny English, at the Office,
No. 26, FLEET-STREET,
in the city of London, where all Communications and Advertisements are reques
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[July 26, 16]

REMINGTON'S LINE.

ONDON AND MANCHESTER DIRECT INDEPENDENT

BAILWAY, with a Branch through the Staffordshire Potteries to Crewe.

Provisionally Registered.—Offices of the Company, 29, Moorgate-street, London; Highstreet, Bedford; and St. Ann's-square, Manchester.

Capital, £3,000,000, in 100,000 Shares of £50 each.—Deposit, £2 15s. per Share.

Bulleck, Thomas, Esq. Macelesfield
Burgess, John, Esq. boroughrover of Manchestor
Chadwick, Edwin, Esq. Stanhope-street, Hyde-park, Secretary to the Foor
Law Commission
Carke, deremlah, Seq. Macelesfield
Chambers, William, Esq. Cockabench, Derbyshire
Cooke, John, Esq. Macelesfield
Crawley, Samuel, Esq. Stockwood-park, Luton
Groft, Major John T. Regent-street, London
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Dawson, J. T. Esq. The Woodlands, Clapham, Bedfordshire
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Esdalle, James, Esq. Upper Bedford-place, London
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Grimshawe, Charles B. Esq. Biddenham Villa
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Hue, Richard, Esq. Macclesfield
Howard, John, Esq. Bringfield, Bedford
Howard, John, Esq. Manchester
Hyne, Charles Wright, Esq. Bedford
Humphrey, John, Esq. Mr. Alderman of London
Hurst, George, Esq. Bedford
Hurst, George, Esq. Bedford
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Johnson, Richard, Jun. Esq. Moorgate, London
Johnson, Bichard, Jun. Esq. Morcetsrice
Les, John Wheeley, Esq. Verceter, vice-chairman of the Severn Commission
Lister, S. C. Esq. Manningham-hall, near Bradford
Livins, the George-Street, Herove-house, St. Cuthbert's, and Caldwell
Priory, Bedford
Murray, T. L. Eso. 1, George-street, Hanover-square

Les, John Wheeley, Esq. Worester, vice-chairman of his Severn Commission Lister, S. C. Eaq. Manningham-hall, near Bradford Livius, George Peter, Esq. The Grove-house, St. Cuthbert's, and Caldwell Priory, Bedford Livius, the Rev. H. S. Berkley-square, Bristol Mackay, Colonel, Ravensden Grange-house, Bedford Murray, T. L. Esq. 16, George-street, Banover-square Morley and Co. Bread-street, London Norbury, John George, Esq. Mancetter-house, Atherstone, and 9, Great Cumberland-street, London Norris, Edward, Esq. Clarville, Manchester Oldham, David, Esq. Macclesfield Oriebar, Riehd, Longuet, Esq. Hinwick-house, Wellingborough Orton, James, Esq. Woodford, near Uttoxeter Paigrave, Charles Frederick, Esq. Bedford Torton, James, Esq. Woodford, near Uttoxeter Paigrave, Charles Frederick, Esq. Bedford Pierpont, Matthew, Esq. director of the Welsh Midland Railway Pestell, William, Esq. Adeleman of Bedford Pierpont, Matthew, Esq. director of the Welsh Midland Railway Pestell, William, Esq. Bedford Pierpont, Matthew, Esq. director of the Welsh Midland Railway Pestell, William, Esq. Bacclesfield Riyands, John, Esq. Macclesfield Rylands, John, Esq. Stands, Stands, Rylands, Stands, Rylands, John, Esq. Rose, Bedford Stands, Rylands, John, Esq. Stands, Rylands, Ryla

Morden-Avon Wardle, Henry, Esq. Macclesfield Warland, Henry, Esq. London and Macclesfield Williams, Wm. Esq. Royal Foundry, Bedford Wright, William, Esq. Macclesfield

Warland, Henry, Esq. London and Maccienness
Williams, Wm. Esq. Royal Foundry, Redford
Wright, William, Esq. Macclesfield
Acting Committee of Management.
(With power to add to the number.)
Colonel the Hon. Ledecster Stanhope, Ashburnham House, London.
Lieut.-Gen. Sir John Forster Fitzgerald, Bart. K.C.B. Montague-street, Portman-sq.
Henry Arnold, Esq., Uttoxeter.
John Burgess, Esq., Boroughreeve of Manchester.
John Burgess, Esq., Boroughreeve of Manchester.
Jeremiah Clarke, Esq., London and Macclesfield.
Major John T. Croft, Regent-street, London.
Sir John Hare, Langham-place, London.
Richard Hine, Esq., Macclesfield.
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Lieut.-Col. Hutchinson, B.E., F.R.S., Director of the College of Civil Engineers.
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Richard Johnson, Jun., Esq., Moorgate, London,
John Joseph Keene, Esq., St. John's-wood, London, director of the National Provincial Bank of Ireland
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George P. Livius, Esq., the Grove House, St. Cuthbert's and Caldwell Priory, Bedford
Horace W. Meteyard, Esq., B.C.L., Middle Temple and Chatham-place
Captain Douglas Kinnaird Pulteney, Parliament-street
James Reade, Esq., Macclesfield.
ENGTNEERS.—Sir John Rennie, F.R.S.; George Remington, Esq., C.E.
Banneers.—London: Messrs. Jones, Loyd, and Co., Lothbury; Messrs. Barnard,
Dimsdale, and Co., Cornbill; Manchester, Messrs. Jones, Loyd, and Co., Manchester
and Liverpool District Bank, and National Provincial Bank of England; Liverpool Macclesfield.
ENGTNEERS.—Sir John Rennie, F.R.S.; George Remington, Esq., C.E.
Sanneers.—London: Messrs. Jones, Loyd, and Co., Johnbury; Messrs. Barnard,
Dimsdale, and Co., Cornbill; Manchester, Messrs. Jones, Loyd, and Co., Manchester
and Liverpool District Bank, and National Provincial Bank of England; Liverpool, MacScantary.—He

Wilson, Esq., Moseley-street, R. B. B. Cobbett, Esq., Marsden-street, Manchester. SECRETARY.—Henry Williamse Matthews, Esq. Local Acorss.—William Arnold, Esq., Uttoxeter; and Messrs. Perrott, Colville, and May, Town Clerks, Macclesfield.

Local Agests.—William Arnold, Eaq., Uttoxeter; and Messrs. Perrott, Colville, and May, Town Clerks, Macclessfeld.

This important national undertaking was brought forward in the autumn of last year, and was suspended from want of sufficient time to comply with the Standing Orders of the Houses of Parliament; but, during the period that it existed, a very large number of shares from infuential persons were applied for, and it received eminent public support.

It will commence at King's-cross, near the north end of Gray's Inn-road, and pass round Muswell-hill, through or adjacent to Friern Barnet, Chipping Barnet, St. Alban's, Luton, Silsoc, Amphill, Bedford, Wellingborough, Kettering, Market Harborough, Leicester, Ashby-de-la-Zouch, Burton, Uttoxeter, Cheadle, Leek, Macclesfield, and Stockport, to Manchester, with a branch from the line between Cheadle and Uttoxeter, through Stoke and the Staffordshire Potteries to Crewe.

This railway has not been pillaged from the prospectuses of any other undertaking, nor have the labours of any other person been appropriated to eke out a fancy scheme. It was originally planned by Air. George Remington in 1836, and in 1840 and 1841, this gen-lilemen surveyed the ground, and took the sections between London and Leicester, and person-laly inspected the Valleye of the Dove, Derwent, and Churnet, with a view to obtain a great brank fundaturing district, comprising the towns of Bury, Bolton, Rechedale, Ashbon, Uddhem, Macclesfield, Stockport, &c., and a mass of population, exceeding a million, acrossing a million, acrossing and the metropolis, and requires a direct communication, not a route made up of circuitous segments of various undertakings already overworked, with a patich of new railway between, but by one continuous railway.

Public opinon, the sentiments of eminont statesmen and engineers, and the wants of the accumiencial world, have, for some time, pointed in the moestivy of a direct independent line. The circumstance alone of other lines in this direction being now adv

by Manchester; and, from the obstructions of the Firths of the Forth and Tay, Carlisle' and Manchester, must necessarily be points in the intercommunication between London and Glasgow, and the north and north-east of Scotland. Whenever the northern rail-to-ways are complete, a very great passenger traffic, as well at the goods at present brought by sea to Liverpool from Glasgow, will be added to the present amount, and the necessity of greater expedition, certainty, and accommodation will be felt to be more pressing. Altereday, from the vast increase of business, the middland lines have obtained an amount of goods and passenger carriage that has reached the limits of safety. If, then, from various causes, such as the continuous increasing traffic on the old lines—the junction of many new railways projected and in formation—the approaching completion of the Scottish and Northern lines—the progression of railway communication in Ireland, new and immense sources of traffic will be necessarily poured in on lines indirect and inadequate to general accommodation; there can be no objection on public grounds to the construction of a direct line between London and Manchester. On the contrary, every reason for its energy the surface of the properties of the contrary, every reason for its energy in the strength of the population of the contrary, every reason for its energy available for the population along the whole line.

From a point in the Tean Valley, near cheside, it is intended to carry a brunch railway available for the population along the whole line.

From a point in the Tean Valley, near cheside, it is intended to carry a brunch railway through the Staffordshire Potteries to Crewe, by way of Lane End, Stoke-upon-Trent, Hanley, Newcastle-under-Lyne, Burstein, and Tunstall, so as to form a junction with the Grand Junction Italway, and make this railway the best communication, not only between London and Manchester, but also botween London and Liverpool.

Many influential persons connected with the Potteries have

it is, at same time, one of large promise, and likely to afford very great remuneration to shareholders.

Applications for shares, prospectuses, &c., to be made at the offices of the Company; or to the Solicitors, and to the following Sharebrokers:—Mr. Chas. Cancellor, Cushion-court; Messrs. Precee and Evans, 8, Cornhill, London; Messrs. Houghland and Leese, Mr. Locke, and Messrs. A. Birchall and Co., Manchester; Mr. Morris Reynolds, Liver-pool; Messrs. T. N. Bardwell and Sons, Sheffield; Messrs. Wellbeloved and Oastler, Leeds; Mr. E. A. Arnitage, Wakefield; Messrs. Grayston and Earle, York; Mr. Thomas Boardman, Blackburn; Mr. W. H. Collis, Birmingham; Mr. Francis Stamp, Hull; Mr. L. Weatherburn, Huddersfield; Mr. Sehard E. Hine, Macclesfield; Mr. Wm. Crouhelm, Halifax; Mr. Charles Spencer, Nottingham; Mr. Samuel Eyre, Derby; Mr. James Stokes, Cheltenham; Mr. Joseph Clark; Jun., Southampton; Mr. John Thomas Holland, Coventry; Mr. William Mason, Bradford, Yorkshire; Messrs. Payne and Freer, Leicester; Mr. Lee, Cheltenham; Mr. Sams, Tate and Nash, Bristol; Mr. Wm. Miles, Worcester; Messrs. Reed and Nicholson, Edinburgh; Mossrs. Ross, Ross; and Messrs. H. and W. A. Tassie, Ghasgow.

Applications for shares must be made in the usual form, and accompanied by a reference to the solicitors of the company, the sharebrokers, or some other responsible person.

REMINGTON'S LIKE.

ON DON AND MANCHESTER DIRECT INDEPENDENT
RAILWAY, WITH A BRANCH THROUGH THE STAFFORDSHIRE POTTERIES
TO CREWE.—Notice is hereby given, that NO FURTHER APPLICATIONS for SHARES
will be received after the 26th day of JULY inst., except from parties locally interested
—whose applications must be made on or before the 30% instant.

By order, HENRY W. MATTHEWS, Secretary.

Dy order, HENRY W. MATTHEWS, Secretary.

REMINISTON'S LINE.

ONDON AND MANCHESTER DIRECT INDEPENDENT RAILWAY.—The acting Committee of Management cannot allow the present oportunity to pass without congratulating the numerous friends of this line on the further
ecognition by Parliament of the principle of direct independent lines of railway in their
ecision in favour of the preamble of the London and York project.

Board Room, July 24, 1845.

By Order,

H. W. MATTHERS

ONDON AND MANCHESTER DIRECT INDEPENDENT CONDON AND MANCHESTER DIRECT INDEPENDENT
RAILWAY, WITH A BRANCH THROUGH THE STAFFORDSHIRE POTTERIES
TO CREWE.—The Committee of Management have the pleasure to announce, as one instance among many of the great public advantages likely to result from the carrying out
of this railway, that certain leading coalmasters of Staffordshire have proposed to this
company that, in the event of the line being established, they will guarantee a clear annual profit of £50,000 for the conveyance of coal to the London market alone, and they
assert, though it forms no part of their present proposal, that another £50,000 per annum
may be realised from other markets. In the event of such contract being accepted, they
propose to deliver their best coals in the London market all 2s. 6d, per ton, which would
insure to the metropolis a supply of coal at a price most materially below the present cost.
The committee feel it right to make this announcement, because it is one of the early
practical illustrations in proof of the great public utility which the committee most confidently anticipate from the establishment of this important national project.

By order, HERRY W. MATTHEWS, Secretary.

REMINGTON'S LINE.

L ONDON AND MANCHESTER DIRECT INDEPENDENT

ONDON AND MANCHESTER DIRECT INDEPENDENT
RAILWAY.—At a numerons and most influential MEETING, held at the Red
Lion, in LEEK, on Thursday, the 24th day of July inst.,
JOHN SQUIRE, Esq., in the chair,
It was moved by Charles Heating, Esq., seconded by Joshua Brough, Esq., and
resolved unanimously—
That this meeting has heard with great satisfaction the explanations given by the genthem deputed by the London Committee of Remington's London and Manchester Direct Line, and receives with confidence the assurance given of their intention to carry the
scheme into Parliament.
It was also moved by William Milner, Esq., seconded by Isaac Hammond, Esq., and
resolved unanimously—

It was also moved by William Milner, Esq., seconded by Isaac Hammond, Esq., and resolved unanimously—

That the intended line will confer greater advantages on the town of Leek than any other line which has hitherto been submitted for consideration. It was also moved by William Cutchlow, Esq., seconded by Nathan Davenport, Esq., and resolved unanimously—

That it, therefore, deserves, and shall receive, all the local support which can be obtained by the influence or exertions of the gentiomen present.

It was also moved by John Brough, Esq., seconded by Josiah Brunt, Esq., and Fractional Control of the second o

That the thanks of this meeting be given to the chairman for his conduct in the chair.

RAND UNION RAILWAY.—Notice is hereby given, that the PARLIAMENTARY CONTRACT and SUBSCRIBERS' AGREEMENT will LIE for SIGNATURE at the PLACES, and for the PERIODS specified, as under. The SCRIP will be ISSUED at the same time.

LIVERPOOL—At the Angel Hotel, 29th and 29th July, between the hours of 10 and 4. MANCHISTER—At the Albion Hotel, 30th and 31st July

LEEDS—At the offices of Messrs. Sulfix, Knowles, and Cook, 15, 3 ditto ditto ditto Park-row, Leeds, 1st, 2st, and 4th August

HULL—At the offices of Messrs Collisions & Filiat, 6th & 7th Aug. ditto ditto SHEFFIELD—At the offices of Mr. James Senior, 9th August ditto ditto SHEFFIELD—At the offices of Mr. James Senior, 9th August ditto ditto SINGHHAM AND CENTRAL Offices, 7s, Cornhill, July 28, 1845.

GLASGOW—At the offices of Messrs. H. and W. A. Tassle, 135, 3 ditto ditto Offices, 7s, Cornhill, July 28, 1845.

CAUCESTER, ABERYSTWITH, AND CENTRAL WALES RAILWAY, AND THE IMPROVEMENT OF THE PORT AND HARBOUR OF ABERYSTWITH.

(Provisionally Registered, pursuant to the 7 and 8 Vg., cap. 110.)

Capital £1,350,900, in 50,000 shares, of £25 each.—Deposit £1 7s. 6d. per share.

Notice is hereby given, that NO APPLICATIONS for SHARES in the above undertaking will be received after the 31st inst.

By order,

Temporary Offices, 21 A, Soho-square, July 22, 1845.

T. HAWKER, Secretary.

REAT INDIAN PENINSULAR RAILWAY COMPANY.

Capital £6,000,000, in 120,000 shares, of £50 each.—Deposit £2 10s, per share.

NO APPLICATION for SHARES will be received after the 31st inst.—The provisional committee having reserved a portion of the capital for INDIA, the ALLOTHENT, will take place after the RECEIPT of ADVICES from them.

Applications for shares to be made to Messrs. White and Borrett, 35, Lincoln's Instellas; or to Mr. L. M. Simon, stock and sharebroker, 7, Warnford-court, Throgmorton-street, from whom further information may be obtained.

By order, WHITE and BORRETT, 35, Lincoln's Inn-fields.

THE RAILWAY REGISTER AND RECORD OF
ENGINEERING AND PUBLIC ENTERPRISE, price 2s. 6d.—Number IX., for
August, will contain Railways in India, with a Map—Railways in Holland, with a Map—Railways in the Island of Sardinia, with a Map—Railways in Canada, with a Map—The
projected Railway from London to Manchester, with a Map—Cyrord, Witney, and Cheltenham, with a Map—Northampton, Banbury, and Cheltenham, with a Map—Articles
on Railway Legislation and its results—The French Northern Line—Commission of the
Guages—Employment of the Army in Public Works—Extinction of the Railway Department of the Board of Trade—Committee of the South Eastern Railway—Moetings of Companies—Law Proceedings—New Projects of the Month.—The markets, besides a variety
of Miscellandous Intelligence, connected with the establishment and projection of railways at home and abroad.
Published by John Weale, 59, High Holborn, and sold by all booksellers.

PILBROW'S ATMOSPHERIC RAILWAY AND CANAL PROPULSION COMPANY.—Completely Registered.

The Right Hon. the Earl of Besborough

I. B. Bolton, Eq.

Zaptal Britten

The Right Hon. the Earl of Besborough

J. Lumbert, Eq.

J. Lumbert, Eq.

J. C. Hewlett, Resident Director

G. B. Douon, 1824.

Captain Britten

Directors of Railway and Canal Companies are informed that this company is now READY to GRANT LICENSES FOR, or SUPERINTEND the LAYING DOWN of LINES on PILBROW'S ATMOSPHERIC PRINCIPLE.

The advantages offered by this method of propulsion are cheapness, increased speed, and safety, over every other skisting system, whether locomotive or atmospheric. Leakage is entirely avoided, the tube being buried. Also an immense saving, as well in the construction as in the working of times, not requiring tunnelling, levelling, or embankment. The surface requires but little more preparation than for the common roads.

The application of this method of propulsion to Canal Navigation will be attended with incalculable advantages.

Its superiority, efficiency, and simplicity, will be demonstrated, and explanations given, at the offices of the company, 6, King William-street, London-bridge.

CHARLES COLLINS, Secretary.

incalculable advantages.

Its superiority, efficiency, and simplicity, will be demonstrated, and explanations given, at the offices of the company, 6, King William-street, London-bridge.

The Most Noble the Company, 6, King William-street, London-bridge.

Capital £1,00,000, in 72,000 spinres of £25 cach.—Deposit £1 7s. 6d. per share.

Provisional Committee.

The Most Noble the Marquis of Anglesey
The Right Hon. Lord Byron
The Right Hon. Lord Rosmore
The Right Hon. Lord Rosmore
The Right Hon. Lord Alfred Paget, M.P.
Edward Sachevered Chandos-Pole, Esq. Radbourn Hall, Derbyshire
Henry William Des Voeux, Esq. Drakelow Hall, Derbyshire
William Blake, Esq. M.P., Grosvenor-place, London
William Berresford, Esq. M.P., Grosvenor-place, London
William Henry Gregory, Esq. M.P., Coole-park, Cork, and 5, Cork-street, Lendon
Court Granviller, Esq. M.P., Grosvenor-place, London
Court Granviller, Esq. M.P., Towner-place, London
Court Granviller, Esq. Turbury, Staffordshire
William Thomas Cox, Esq. Sponden, Derbyshire
Stanley Plpe Wolferstan, Esq. Stafford, near Tamworth
John Baller Yarde Buller, Esq. 10, New-street, Spring-gardens, London, and
Holme-park, Devon
Sir William Monga, Rart., Alderman, London, director of the Great North and
South of France Rallway
Sir William Monga, Rart., Alderman, London, director of the Great North and
South of France Rallway
Sir William Monga, Rart., Alderman, London, director of the Great North and South of France Rallway
John George Norbury, Esq. Mancetter House, Atherstone 2 Directors of Leicester &
Samuel Haines, Esq. Chad-house, Edgbuston, Birmingham 3 Birmingham Rallway
Henry Barton, Esq. Rangemoor, near Burton-upon-Trent, Staffordshire
Robert Thornes Landon, Esq. Staffold, near, Chad-house, House, Derbyshire
John Bladon, Esq. Lottoneter
Thomas Landor, Esq. Staffold I

J. F. Bateman, Esq.

Joseph Cubitt, Esq.

Messrs. J. and J. Richardson, Burton-upon-Trent; G. H. R. Cox, Esq., Derby Messrs. Robarts, Curtis, and Co., London Messrs. Barnett, Houre, and Co., London The Commercial Bank of London The Burton, Uttoxeter, and Ashbourn Union Bank, Burton and Uttoxeter Samuel Smith, Esq., and Co., Derby The Derby and Derbyshire Banking Company, Derby Messrs. Fowler and Gaunts. Leck Messrs. Evoklehurst and Co., Manchester Secretary (pro tem)—Joseph Richardson, Esq., Burton-upon-Trent. SECRETARY (pro tem) -Joseph Richardson, Esq., Burton-upon-Trent.

Secretary (pro tem)—Joseph Richardson, Esq., Burton-upon-Trent.

PROSPECTUS.

The main line of this important undertaking will commence at the abrupt termination of the Macclessfield branch of the Manchester and Birmingham Railway at Macclessfield, and proceed thence in an almost direct line to a point on the Trent Valley Railway near to Atherstone, and about fifteen miles north-west of Rugby.

It will, therefore, embrace in its course the towns of Leek, Cheadle, Tean, Uttoxeter, Tutbury, and Burton-upon-Trent, the coal-fields and potteries of Swadlincote and Gresley, and the baths and coal-fields of Moira, the whole of which wealthy and important tract of country (with the exception of the town of Burton) is wholly destitute of railway accommodation.

From Tean it is intended to construct a branch through the Staffordshire Potteries by way of Longton, Lane End, Stoke-upon-Trent, and Newcastle-under-Lyne, to Crewo and Nantwich, uniting at Crewe with the numerous railways centering there, and joining at Nantwich the railway about to be formed by the conversion of the Ellesmere and Chester, and Birmingham and Liverpool Junction Canals. It is also intended to construct a branch from the main line at or near Tutbury to Derby.

Such is the project, comprising the best parts of the old and well-known "Manchester South Union" scheme, which, in the year 1836, elicited from a committee of the House of Commons the most unqualified expressions of approval, and which an inspection of a map of the country will show to be highly desirable—indeed, almost indispensable—for the public interest.

of Commons the most unqualified expressions or approval, and which as a supersimal of the country will show to be highly desirable—indeed, almost indispensable—for the public interest.

It will open a shorter communication from Manchester, Stockport, and Macclesfield, te London (by Rugby), and from Derby (and the towns northward) to London, than any other line now before the public.

It will afford to Nottingham, Leicester, Derby, and Burton-upon-Trent, the most direct communication with the Staffordshire Potteries, Crewe, Clester, Runcorn, Liverpool, and the new docks at Birkenhead, as well as with North Wales and Ireland.

By its means the towns of Lock, Cheadle, Tean, Uttoxeter, Tutbury, and the surrounding country, will receive, for the first time, the benefits of railway communication, and the rich and extensive coal-fields of Biddulph, Poynton, Adlington, Cheadle, Gresley, Swadlincote, and Moira, will be opened to the whole kingdom.

The traffic must necessarily be immense, and the returns highly remunerative.

Thus the committee are enabled to the ring forward a legitimate and independent undertaking; having due regard to a profitable investment of capital, as well as to the interest and accommodation of the public.

The committee desire to add, that, in presenting, in its present shape, their complete and comprehensive scheme, independently of any other railway not actually formed, or now under the consideration of Parllament, they are not influenced by a wish to supplant other parties who may have a legitimate claim to a portion of the ground they propose to occup, but simply by a desire to form a shorter communication between the great towns of Lameashire, Cheshire, and Staffordshire, and the metropolis and the Midland and Essierra Counties, and to secure to a great district yet unopened that railway accommodation which its wealth and importance demand, whatever may be the fate of other projects

TEAN AND DOVE VALLEY, AND EASTERN AND WESTERN JUNCTION RAILWAY.—Notice is hereby given, that NO APPLIPARTIES FOR SHARES in this railway can aber to be Soft instant, except from parties locally interested, from whom applications will be received until the false instant.

Office of the Company, High-street, Burton-on-Trens, daily 16, 1644.

WHITEHAVEN AND FURNESS JUNCTION RAILWAY. The HOLDERS of SCRIP CENTIFICATES are required to send them to this office, for REGISTRATION, on or before the 20th day of August next—Proper forms for the registration of shares may be had on application at the office of the secretary.

Guidabl-buildings, London, July 25.

JOHN MEYER, Secretary.

CREAT NORTHERN RAILWAY OF FRANCE.—

(LAFITE'S COMPANY).—FRENCH ALLOTMENT.—The HOLDERS of the FRENCH LETFERS of ALLOTMENT in this company are desired to send them immediately to John Cunninghane, 4, Castle court, Birchin-lane, London, agent for Messrs. C. Laftte, Bloomt, and Co., bankers to the company.—Forms, &c., mass be had between the hours of Eleven and Three o'clock.—London, July 19.

G REAT LUXEMBOURG COMPANY.

Capital #26,030,0-0. in shares of 500 fancs, or #20 each.

Deposit 50 fancs, or #22 per share.

PROVISIONAL COMMITTEE.

for Research C. Lastites, Bloonal, and Co., bankers to the company—sevent the burst of Networn and Three volcock—Landam, July 19. July 19.

had applied for grants under the powers and intent of its charter. A large number of quarries was likewise opened by the company, and continue to be worked. It possesses property in Brussels, including a large mansion and premises, where its offices are situated.

In order to become possessed of the extensive powers granted to the Luxembour Company, and thus to obtain the entire command of the intercourse and mining property in that province and the adjoining districts, this sompany will have to purchase the shares and rights of the company above mentioned, including of course the canal, mines, and all its other property, interests, and privileges, for the sum of £260,000. As the railway will effect the purposes of conveyance and communication through Luxembourg, for which the canal was projected, it is now intended—and it is in accordance with the charter—to complete the line of navigation of the form the Meuse at Liege to La Roche; of which the estimated cost is under £20.009; by this means the railway and navigation cannot clash, as they will start from, and run through, quite different districts. It will be reserved for future consideration whether the canal shall eventually be joined to the railway by a issuech canal, or railway, from La Roche, or whether it shall be continued in any other direction. In the meantime, the local traffic alone will be sufficient to produce a handsome return on the capital to be invested, it being estimated, upon a careful and moderate calculation, to yield a net profit of about 5 per cent, on the capital required. It may not be generally known that the Belgian canals give a net profit of from 6 to 15 per cent, and the Charleroi and Brussels Canal, which was conceded to a company in 18.6, is paying 105 per cent, on the capital.

In addition to the great mineral traffic above described, the canal will cross several extensive forests; whence large quantities of timber and wood will be sent for ship and housebuilding, fiels, and there purposes, for which it is constantly in great

way in also likely to be very chrap, to which a coal-field at each end of it, and the consequently low prices of coke will much contribute. From all the circumstances aiready states, and from careful inquiries into the traffic, there can be no doubt that this line of railway will yi-like very hendsome return topoc the capital required. In the allotment, due consideration will be shown to proprietors of shares in the adjoining undertakings of the Sambre and Messe, Louvain and Jemappe, and Namur and Liege Railway Companies.

and Liege Baliway Companies.

FORM OF APPLICATION FOR SHARES.

To the Directors of the Great Liasembourg Company.

Gentlemon.—1 request that you will insert my name as a subscriber for shares of 500 francs (37.0) each, and I hereby andertake to accept the same or any leas number you may sliot me, to pay the deposit, and sign all required deeds when I shall be called ugon to do so, and to conform to the statutes and regulations of the company.

I am, gentlemen, your obedient servant,

Names at full length.

Description.

Residence

GREAT LUXEMBOURG COMPANY.—
NO FURTHER APPLICATION for SHARES in this company can be received after MONDAY NEXT, the 2sth of July inst.

DIRECT LONDON AND EXETER RAILWAY, WITH

EXTENSION TO FALMOUTH.—The committee, having been actively engaged in taking measures to sectore the success of this undertaking, and several important questions having arisen requiring much consideration, have found it expedient hitherto to delay the further prospectus of the company.

In a few days it will, however, he laid before the public; mean-while it may be sufficient to observe, as proof of the growing importance of the undertaking:—

1. That the line selected is in precise conformity with the Report of the Bloard of Trade, which states—"There is nothing in the existing lines to prevent a direct or compeling line to Exerce being brought forward."

2. That such line is also in conformity with the requisition of the Committee of the House of Commons on the Wilts, Somerset, and Weymouth Bill—from the promoters of which a pledge was required, as a condition to its passing, not to out the house of direct line to Falmouth.

3. That, as this line will pass near the town of Windsor, and will not inferfere with any of the property belonging to the Crown, a branch will be constructed from it to the most accessible spot near the town.

4. That, although the Committee of the House of Commons rejected the Corndient that the line they will adopt will meet with the approval of the Legislature. Many argent applications having been made in consequence to the committee feet confident that the line they will adopt will meet with the approval of the Legislature. Many argent applications having been made in consequence to the committee for communications are requested to communicate with the committee for the will alrey in Cornwall; who should be disposed to further the undertaking, are requested to communicate with the committee for the will always from Exeter to Falmouth, any noblemen or gentlemen having property on any part of the line, and particularly in Cornwall; who should be disposed to further the undertaking, are requested to communicate with the committee for the will; or

CHESTER AND MANCHESTER DIRECT RAILWAY.
PROVISIONALLY REGISTERED.
Capital #800,000, in 16,000 shares of #50 each—Deposit #2 15s, per share.

Capital £300,000, in 16,000 shares of £50 each—Deposit £2 15s. per share.

This line will commence at the city of Chester, and proceed by way of Frodsham within a short distance of Warrington, and thence by the Mersey Valley to Manchester. By the railways connecting Chester with Wexkam, Oswestry, Shrewsbury, Hereford, Gloucester, and South Wales, this will be the nearest route from Manchester to the south-western parts of England, and the minerals of Momouth and Glamorganshire. The communication with Bristol, Gloucester, and Exeter, will be speedy and direct. On reference to the map it will be seen that a very considerable distance will be saved by this direct line over the present circuitous routes by Crewe or Birkenhead. As a line seeking to sapport itself from its own internal traffic it will be a first-rate investment. But it is intended that this line should be the precursor of a scheme of no ordinary importance—viz., the rendering Chester an efficient port for large vessels.

On the completion of the provisional committee, and preliminary arrangements on this line, a separate company will be formed for the construction of a ship canal from Dawpool to Chester, a distance of twelve miles; this is a matured plan.

It was entertained by Sir John Rennie in 1935, and subsequently by the late Mr. Chapman, in the same year, who wrote an able report on the subject, with a view of extending it to Manchester, as making that important town a seaport. The ground was afterwards, in 1837, surveyed by Sir John Rennie and Mr. George Remington, with a view to making a ship canal, of twenty feet water, to the walls of Chester; it is sixteen miles nearer to London than Liverpool, and assuming Chesser, as a central point, and taking a radius of thirty-four miles, it will be seen that it includes Manchester and Warrington, Macciesfield, Congleton, the Potteries, Northwich, Nantwich, Tarporley, the whole of the mineral and manufacturing districts of North Wales in the vicinity of Chester, of the produce of which Chester is the

is carried, at extra expense, to Liverpool. From the decay of the Chester port all is carried, at extra expense, to Liverpool, room the decay of the Chester almost abandoned.

By a ship canal of twelve miles, commencing at Heswall, on the northern shor of the Dec, at the head of Dawpool, and continuing to Chester, during eight hours of tide, vessels drawing from fifteen to twenty feet water will be able to get to Chester. The estanry of the Dee to the head of Dawpool is infinitely preferable in point of access and safety to that of the Mersey.

This railway will, therefore, is connection with the ship canal, render to Chester and Manchester incelculable advantages. To the former it will restore the proper position natural to so important a city; to the latter it will give another outlet by sea to the manufacturing districts, free of the heavy port charges and dues to which the produce is now subject. It has not been thought advisable to combine the two objects in one company at present, but, should it be found requisite, the two may hereafter be amalgamated.

This railway will, therefore, have no ordinary merits as an independent undertaking, combining all the advantages of any other lines, with this great addition, that it will be the high road to what is the most convenient outport of Manchester. There are no difficult earthworks on the line; on the contrary, it will be cheap, and of easy formation.

The provisional committee will be published in a few days. In the meantime, applications for shares, prospectuses, &c., to be made to the solicitors, Mesars. Sir George Stephen and Hutchinson, 29, Moorgate-street; John Owens, Eq., 34, Moorgate-street, London; and Messrs. Higson and Robinson, and R. B. B. Cobbett Esq., Manchester.

FORM OF APPLICATION FOR SHARES.

To the Provisional Committee of the Chester and Manchester Direct Railway, and I undertake to accept the same or such less number as you may appropriate to me, subject to the regulations of the company, and to sign the accessary deeds, and to pay, when r

DERBYSHIRE, STAFFORDSHIRE, AND WORCESTER.

DERBYSHIRE, STAFFORDSHIRE, and WORCESTERSHIRE JUNCTION RAILWAY.—(Provisionally Registered.)

Capital \$\pmu 600,000\$, in 12,000 shares of \$\pmu 50\$ each.—Deposit \$\pmu 2\$ 15s, per share.

The line of railway proposed between Uttoxeter and Dudley has been undertaken at the suggestion of several influential parties, as combining—without being a competing line with any rawway at present made—all the advantages of several projected lines, with additions of no ordinary value. The town of Uttoxeter in the Dove Valley is itself the centre of a rich agricultural district, supplying already the markets of Budley. Tipton, Waisell, Bilston, and Weehessbury, with cheese, cattle, and agricultural produce, but by a very expensive and dilatory mode of transit. All the proposed lines communicating with Manchester, London, and the Potteries, must necessarily pass to or near Uttoxeter. Already the Churact Valley, Tean and Dove Valley, North Staffordshire, Manchester Direct Independent, Leicester and Ashby lines of railway project a station at Uttoxeter. Assuming either of these former, or some equivalent, to pass, this will be the best route from Manchester, Macclesdield, the Potteries, and the north, to Worcester and South Wales. By the Leicyater and Ashby line, which will communicate by its branch to Uttoxeter, traffic of
great part of the east of England will be available for Staffordshire and the west,
Commencing at Uttoxeter, the line will be carried over favourable ground to Abbot's
Bromley, thence down the Blythe Valley to Hamstall. Redware, where it will cross
the proposed Leicester and Ashby line, thence to Lichfield; crossing the Trent
Valley Railway, it will pass close to Lichfield, through that portion of Cannock
Chace, where the Effington Canal passes the Brown Hills, thence by Walsall to
Bescot-bridge on the Walsall tation of the Grand Junction Railway. From this
point it will pass through Wednesbury and the mineral districts of South Staffordshire to Dudley; there it will join all those railways that will c

The population on the line exceeds 309,309, and the oralizary and afford more than ample remoneration to the shareholders.

As a junction line—with the present immensely increasing public favour to rall-way travelling—it is scarcely possible to compute the amount of passenger traffic, but it must necessarily be very great.

Should it be deemed advisable to extend the line to Ashbourne, the lead, iron, stone, and coal of Derbyshire, the products of the paint manufactures and barytes works at Asbbourne, Cromford, &c., would find a resuly transit to Walsall and Bir misghaus. The increase of passengers attracted by ready means of convayance to the romantic country of Dovedale and the High Peak, would be, necessarily, very great. By the Uttoxeter Canal would be brought the copper ore, lime, and coal, abounding in the Caldon and the Ribden Mines, and be transmitted by this line to the manufacturing districts of Staffordshire, Warrwickshire, and Wales, down to the manufacturing districts of Staffordshire, Warrwickshire, and Wales, down to the manufacturing districts of Staffordshire, Warrwickshire, and Wales, down to the manufacturing at the caldon and the Ribden Mines, and be transmitted by this line to the manufacturing districts of Staffordshire, Warrwickshire, and Wales, down to the manufacturing at the caldon and the Ribden Mines, and be transmitted by this line to the manufacturing districts of Staffordshire, Warrwickshire, and Wales, down to the manufacturing at the caldon and the Ribden Mines, and the transmitted by this line to the manufacturing districts of Staffordshire, Warrwickshire, and Wales.

19 1/3

To the Provisional Committee of the Derbyshire, Staffordshire, and Worcestershire Junction Railway.

Gentlemen, —I request you to allot me way, and I undertake to accept the same, or such less number as you may appropriate to me, subject to the regulations of the company; and to sign the necessary deeds, and to pay, when required, the deposit thereon of #3 16s. per share.

Dated this day of 1845. Name in full Reference in full Reference

KOLLMAN'S RAILWAY LOCOMOTIVE & CARRIAGE IMPROVEMENT COMPANY.

Jacreased capital #50,000, in anares of #10 cach.—Deposit #2 10a. per altare.

The Very Rev. the Dean of HEREFORD, F.R.S., &c., Chairman.

WILLIAM KUPER, Esq., Deputy-Chairman.

Constant M. H. Sweeny, R.N.

Captain M. H.

OFFICES—ALBION CHAMBERS, AOAM-STERET, ADELPHI.
The capability of Kolimann's system of railway and its manifest superiority over
those in present operation has been fully demonstrated by working models, which
are exhibiting at the Adelaide Gallery, but the directors have now resolved, at the
recommendation of several eminent engineers, to construct a full-sized locomotive
engine and carriage, and lay dows as near the metropolis as convenient a short
but sufficiently extensive line of railway, with such curves and gradients as have
hitherto been deemed insurmountable, that the gractical superiority of the system
night be fully d-veloped. With this view the directors have obtained the consent
of the shareholders to sugment the capital of the company by \$65,000, in \$600 shares,
of £10 each, in order to enable them completely to carry out the objects for which
the company was formed.

The superior advantages of the system may be thus briefly enumerates: —Com-

the company was formed.

The superior advantages of the system may be thus briefly enumerated:—Complete security from overturning or running off the rails, facility of traversing curves at any practicable speel, power of ascending gradients hitherto deemed impracticable, diminution of dead weight and friction, and very considerable saving of expense in the construction, and in the wear and test. In addition to these advantages, the directors have secured patents for a most important application of the system to canals, enabling these, under certain conditions, to compete with railways for the conveyance of passengers and goods, and promising most beneficial results. It will be at once perceived that while the capital required to carry out the company's plans is of small amount, the source of profit is almost unlimited.

Applications for shares, accompanied by a respectable reference, to be made at the company's office, Ablou-chambers, Adam street, Adelphi, Lundon, addressed to the secretary, where the terms for granting licenses and every other information can be obtained.

tion can be obtained.

FORM OF APPLICATION FOR SHARES.

To the Directors of Kollmann's Raitway Locomotive and Carriage Improvement Company.

Gentlemen,—I request you to allot to me shares in the above company, and I undertake to accept the same, or any smaller number that may be allotted to me, to pay the deposit thereon, and executes the Deed of Settlement, and all other necessary documents, when required.—Dated this day of 1845.

Name

House of business (If any) and address.—Profession or trade.

Reference

ORTH WALES RAILWAY.—The Act for the construction of this railway having now obtained the Royal Assent, notice is hereby given, that all persons holding shares in the company are required to send their SCRIPS to the, at No. 3, Lothbury, on or before the 12th day of August next, in order that the same may be REGISTERED, pursuant to the Clauses Consolidation Act. A form of letter claiming to be registered may be had at the office of the company, and upon the scrip being forwarded tome they will be duly acknowledged. On the registering being completed, they will be exchanged for sertificates under the seal of the company. All shares respecting which such application shall not have been made on or before the 1st day of September acx, shall be registered as the poperty of the persons to whom they were originally allotted.

Dated this 24th day of July, 1845.

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NORTH WALES RAILWAY -Notice is hereby given, that the FIRST GENERAL MEETING of this company, pursuant to the provisions of the Sth Victoria, chapter 16, will be HELD at the London Tavern, Bishopsgate-street, on Thursday, the 14th day of August next, at Twelve o'clock at noon precisely, at which meeting no persons will be admitted except those who shall have previously registered their names as shareholders in the books of the company, which must be shown by the production of the scrip receipt for inspection at the entrance door of the room.

Dated this 24th July, 1845.

CENTRAL RAILWAY OF FRANCE.—LE CONTE'S COMPANY.—The company which have become the lessees of the above rail-way having been finally constituted in France by Royal Ordonnance, dated the 13th April, 1845, the holders of memorandums for one-fourth of a share in Le Conte's Company for the above railway are hereby requested to present them in parcels of not less than four to me, at No. %2, King William-street, City, London, to be EXCHANGED, every complete number of four such memorandums for one integral share in the constituted company. The deposits represented by memorandums not so exchanged within fourteen days after the publication of this Notice, will remain as cash in my hands, at the disposal of the holder, but without any claim by him to any interest in the constituted company in respect thereof, will remain to any interest in the constituted company in respect thereof, in conformity with the tenor of the said memorandums.

By order, ED. AlM.

Dated July 21, 1845.

CENTRAL OF SPAIN RAILWAY.—The directors have the satisfaction of announcing, that they have received a REPORT, from one of the engineers engaged on the railway, giving the most favourable account of the gradients on the proposed line. They have the further satisfaction to state, that the deposit of #40,000, required by the Spanish Government, as caution-money, for the performance of the work, has been duly made by the directors in Madrid. In consequence of the abandonment of the Madrid acdis line by that company, the Central of Spain Railway will be earried by the important towns of Aranjuez and Toledo, which will greatly increase the traffic and importance of the line. Captain Pelkington, late of the Royal Engineers, is, at this moment, engaged in the aurvey of that deviation, and the works will be commenced within a month on that

ortion of the line nearest to Madrid.

By order of the directors.

THOMAS HARVEY, Secret

LTO DOUGO RAILWAY COMPANY, FROM OPORTO TO THE SPANISH FRONTIER.—The changes which it has been deemed expedient to make in this company have caused protracted delay in issuing the prospectus. In consequence of the samalgamation for which notice has been given to the public) a RE-ALLOTMENT of SHARES must necessarily take place, but a preference will be given to previous applicants.—Fending the publication of the prospectus, forms of application for shares may be obtained at the office of occumpany, 29, Threadneedle-street. By order, R. MEL. RENWICK, School and the company of the c

Company, 29, Threadneedle-street. By order, R. MEL. RENWICK, Soft Company, 29, Threadneedle-street. By order, R. MEL. RENWICK, Soft Company, 29, Threadneedle-street. By order, R. MEL. RENWICK, Soft Company, 29, The Annual Park Rail Way Company of the Company of

George Alexander Hamilton, Esq. M.P. chairman of the Dublin and Droghed. Hailway, and deputy-chairman of the Dublin and Beliast Junction Railway The Hon. K. Howe Browne, chairman of the Manchester and Birmingham an Webh Junction Railways

BANKERS—The London and Westminster Bank.

Solicitors—George Ogle, Esq. 4, Great Winchester-street, City.

In consequence of the determination of the French Geovernment to form these branches, it has become necessary to increase the capital of the company, which will now consist of 135,000,000 francs, or £,000,000, divided into \$50,000 shares of \$500 francs, or £50 exch. Deposit £7 per share.

Applications for shares will be received on or before Thursday, the 24th instant, after which no further application can be attended to, as the time for offering to compete for the line is limited; and the French directors have expressed themselves prepared to take all shares not disposed of in England before that day.

Prospectuses and forms of application may be obtained at the temporary offices of the company, 4, Groat Winchester-sirect, and of the following brokers:—Massra. Cardwell and Sons, Manchester; Mr. Crewdson, Liverpool; Mr. James Burchart, Huddersfield; Mr. Jamisson, Leedis; Mr. Herry, Halifax; Mr. Dickenson, Newcastle-upon-Tyne; Messrs. Colimbon and Flint, Hull; Mr. James Jardine, Glasgow; Messrs. Monro and Go., Edinburgh; Mr. William Sotheras, York; and Mr. William Oliphant, Perth.

EASTEEN COUNTIES RAILWAY.—A special meeting of the shareholders was held on Tuesday, the 22d instant, at the Shoreditch station, pursuant to the Standing Orders of the House of Lords, to adopt the bill for the Cambridge and Bury line.—Mr. H. Bosanquer (the chairman) stated that the bill having been stopped in the committee of the Commons, it would be unnecessary to submit a resolution on the subject, as it could not be proceeded with this session.

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will be

## RAILWAY GAZETTE.

THE CORNWALL RAILWAY DEFEATED.

THE CORNWALL RAILWAY DEFEATED.

[PROWA CORRESPONDENT.]

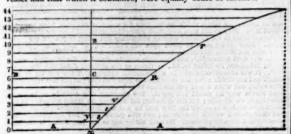
We regret to state that the Cornwall Railway Bill has been thrown out by the committee of the House of Lords. The errors of the haste with which the line was laid out, rather than its route, it must be admitted, furnished its opponents with a substantial foundation for the formidable opposition which they have adroidly raised. Besides the High Sheriff, and both chairmen of the Quarter Sessions of the county, and other gentlemen locally resident, whose high position, intelligence, and well-proved devotion to the interests of the county, must invest their evidence with much weight—alarmist naval men, one of them a late Lord of the Admiralty, rival engineers, and even the assumed impracticability as reported by the Board of Ordnance, have been brought to bear against the Coast line. Questionless, too, the Coast line is an extraordinary line. It is useless to tell Parliamentary committees what atmospheric traction may do in overcoming sharp gradients and curves—they can only deal with facts as heretofore proved, or which may come before them in evidence—while theories must be as unrevealed secrets. Thus it is that the atmospheric principle, good as it is, has been as a blight to all the extension schemes of the South Devon Railway. The decision against the line will, we fear, create another railway panic in Cornwall, as the western extension lines will, of course, be dropped now the initial scheme has been extension lines will, of course, be dropped now the initial scheme has been extension lines will, of course, be dropped now the initial scheme has been extension lines will, of course, be dropped now the initial scheme has been extension lines will, of course, be dropped now the initial scheme has been extension lines will, of course, be dropped now the initial scheme has been extension lines will, of course, be dropped now the initial scheme has been destroyed. The difficulty of crossing Hamoaze, it will be observed, has weighed heavily in the decision of t

ATMOSPHERIC RAILWAY SYSTEM-LOSS OF POWER.

ATMOSPHERIC RAILWAY SYSTEM—LOSS OF POWER.

TO THE EDITOR OF THE MINING JOURNAL.

SIR,—As you kindly noticed me in the Mining Journal of July 5, I take the liberty of again addressing you on the above important question. Your scientific readers are not to suppose that I have the presumption to think that they require information on the subject, or, if they did, they would condescend to receive it from an unknown individual like myself; but I expect that you have many readers interested in railway speculations, who are not much acquainted with engineering or atmospheric science, to whom the following plain statement of facts may not prove uninteresting. It is in pumping out the rarefied air where the greatest loss takes place, and not, as many suppose, from leakage in the lateral valve and travelling piston, though that is by no means small. If a uniform degree of exhaustion in the tubes and reserves is constantly kept up, so as to have a permaent propulsive power of 10 lbs. to the inch, the direct loss will be one-half of the steam-power required to maintain such a degree of exhaustion in the tubes. In order to assert in what we have a degree of exhaustion in nent propulsive power of 10 lbs. to the inch, the direct loss will be one-half of the steam-power required to maintain such a degree of exhaustion in the tubes. In order to ascertain what amount of power would be lost in the application of the atmosperic principle, as at present proposed, and to establish the truth of the general correctness of my conclusions, I have made the drawing which accompanies this letter—in making which I have presumed (what is generally believed to be correct) that, if one-fifteenth of the air contained in any air-tight vessel was taken out of it, an external pressure of 1 lb. on the square inch, over and above the internal resistance, would be obtained, and that for each succeeding reduction of one-fifteenth of the original contents, an additional pressure of 1 lb. on the square inch would be the result, provided the air, in the first instance, surrounding the vessel and that which it contained, were equally dense or rarefied.



I will now endeavour to explain the drawing. We first draw the line A A; at one end of which take any portion and draw B and C, parallel to each other, and perpendicular to A. Upon these lines make fourteen equal divisions (the size of which is quite a matter of choice), through which draw the lines 1, 2, 3, 4, &c. Divide the length of the line 1 by 14, and prolong it to s, by setting one of the divisions on the right of the line C. Again, divide the next line 2 by 13, and set two of these divisions from C to t. Divide 3 by 12, and make C, v, equal to three divisions. Each succeeding line must be divided by one less, and one more division placed to the right. When this is completed, draw the curved line R r through all the points s, t. v, &c., and the work, so far as drawing is concerned, will be finished. I will now endeavour to explain the use of this figure, which I will do in as plain and easy a manner as my humble abilities will enable me. We will first, therefore, suppose the lines A and 1 to represent the diameter of the cylinder of the air-pump, containing as much air, in its original density, as would fill that cylinder, supposing its length to be from B to C, of what additional length must the pump be, the air to be taken out, being reduced one-fifteenth below its natural state, or, in other words, giving a power of 1th on the square inch?—the answer will be, that we must add one-fourteenth to the length of the air-pump, or we shall take out only 14ths of the required quantity of air. We, therefore, extend the length of the eylinder to a little beyond C, so as to have a clear stroke of the pump of the length from B to s. When the piston is at s, it will not require any force to move it, except what will be necessary to overcome the resistance caused by friction; but, as the piston proceeds from s upwards in the cylinder to a little beyond but, as the piston proceeds from s upwards in the cylinder, the resistance will increase, in the same proportion as the density of the air increases, until it arrive the diameter of the cylinder to be from A to 2, the piston of the travelling sube to be the same size, the air pump to take out as much air as was admitted by the travelling piston, moving the distance from C to B, as before, and working at 2 bs. on the inch, the length of the stroke must now be extended to t, the force required to move the piston up the cylinder, from C to B, being 100, the force spent below C to t will be about 8 per cent. The power lost by working at a noy other pressure, up to 14 bs. on the inch, can be found in the same way—for instance, suppose we say 10 lbs., the line 10 may represent the length of the stroke of the air pump, the effective portion (or that portion which forces out the air) being from C to B, the ineffective power (or that portion, which, although it requires considerable force, diacharges no air) will be from the end of the line 10, where it terminates in r up to the line C. The piston, before it begins to rise, will have an equal pressure on the upper and under sides (that is, 5 lbs. on each side,) but, as it proceeds upwards, the balance of pressure will be lost, and, on its arriving at the end of the line 8, the difference will be as 6 to 5, at the end of the line 9, it will be as 7 to 5, and so on up to the line C, at which point the air will begin to escape through the valve at the top of the cylinder, which valve being pressed down at the rate of 15 lbs., on the inch will be lifted with a slight additional pressure on the under side, which

pressure is derived—first, 5 lbs. on the inch from the rarefied air below the piston; second, 10 lbs. on the inch from the steam—engine; the lost force will, therefore, be ascertained by measuring the area of the triangular figure below, or at the right of C, contained within the lines r, z, z, and comparing it with the effective force, or the parallel area contained within the lines A, B, 10, z, C, and if the latter area be represented by 100, the former will be represented by 67—viz. a loss of power of 67 in 167, or 40 per cent. The loss austained by friction, or from a portion of air returning through the upper or lower valves, has not yet been taken into account, but the loss from this source will very materially depend on circumstances; and, not having any experience in the matter, I can only speak from supposition, but I should think that 1 lb. on the inch is not too much to allow for the weight and friction of the piston and rod when rising, and not allow anything for its descent, allowing its weight to be sufficient for that purpose, and supposing one stroke in ten be allowed for leakage and friction in the tube; but I feel confident the loss from this source will be much greater, especially when working at a high pressure—however, in the absence of facts, we will take it as stated. The following table shows the positive loss that must be sustained, with the probable loss, and the distance the piston of the air-pump will travel, as compared with the piston of the tube is worked; the second column shows the positive loss per cent. independent of friction, or other causes; the third includes friction, &c.; the fourth, is a comparison of the velocities of the pistons of the tube and air-pump, supposing them to be of one size. We commence with one pound on the inch, the positive loss of which is about 4 lb. in 100—one stroke, including friction at one pound on the inch, gives 212 lbs., to which we add one-tenth = 233 lbs., the loss on which is 133 lbs.; and as 133 is to 233, so is 57 to 100, which shows tha

Pounds on square inc		Loss	per cent ve frictio	n. Los	s per c	ent.	Veloc.	of pist.	of pump	1
1			4		. 57	*******		2.36		.1
2			8		44	******		2.55	*	D
. 3			12		40	******		2.70		ı
4			15		35			3.01	-	1
5			19		40			3.30		1
- 6			23		43	*******		3.66		- 1
7			26		44	*******		4.18		- 1
8			30		47	******		4.62		- 1
9			34		50			5.50		- 1
10			40			******		6.60		- 1
11	*******	******	46		. 58	******		8.20		- 1
12					65	******		11.00		- 1
13	*******				71	******		16.50		- 1
14			67		. 78	******		33.00		-

Marylebone, July 16.

LONDON AND BLACKWALL RAILWAY.

Sir,—As a meeting of the proprietors of the above line has been convened for the 29th inst., on business which, from what has transpired in a committee of the House of Commons, may naturally be inferred to be of a highly gratifying and cheering character, I think a more fit opportunity could not be desired for the proprietors to convey in some marked manner their lively sense of the energy and able management for which the direction has lately been distinguished, and for which a unanimous vote of thanks is most richly merited. Whatever apathy or want of judgment may have characterised the proceedings of the directors formerly, and which was, at the time, most severely, and, perhaps, most deservedly, animadverted upon, it is, at the same time, incontrovertible that within the last few months there has been a degree of attention, of unwearied perseverance, and of indefatigable seal, which redounds highly to their honour, and, if persevered in, must be productive of the most satisfactory and beneficial results. The inherent advantages this line always possessed may be considered as about to be fully developed; dividends may not only be expected every half-yearly meeting, but their steady increase may now be looked forward to with confidence. When the line is extended to Southend, as it no doubt will be, the augmentation of the receipts will be very considerable, and, on the junction with the Eastern Counties, the increased traffic will produce consequences of an equally satisfactory character. There is nothing now to prevent the Blackwall Railway from becoming one of the most prosperous in the realm; a few months of well directed activity has placed everything on a different footing. It was pointed out long since that a union with the Eastern Counties would prove highly advantageous to the two undertakings, instead of the rivalry which has hitherto proved so detrimental to all parties; the junction about to be effected will be productive of great and substantial

TEAN AND DOVE VALLEY AND CHURNET VALLEY RAILWAYS. Sin,—I, in common with many of your readers, have been considerably amused by the efforts which a certain officious individual has recently been making, not only to divert the attention of the public from the merits of the projected Tean and Dove Valley Railway, but also to puff, and bring again into notice, the old Churnet Valley line—a scheme which, though once notorious, is now almost forgotten, by all but its unfortunate shareholders. The gentleman to whom I allude has been industriously dancing attendance upon the editors of several provincial papers, with a cap full of articles manufactured by himself, and aiming at the two objects I have mentioned. The whole of these articles, it may be observed, are anonymous, and, although some of them bear a suspicious resemblance to editorial articles, yet the secret authorship peeps out from all—yes, verily, "the voice is Jacob's voice, but the hands are the hands of Esau." Now, Mr. Editor, I know that it is your disposition to afford fair play to all parties who may have occasion to trouble you, and I am sure you will allow me to make a few remarks, by way of reply, to our friend of the Churnet Valley. In the first place, then, I must beg to tell him, that how ever necessary the North Staffordshire line (i. e., from Macclesfield wid the Potteries, to Colwich) may be to the important district which it embraces, it is rather too much to expect that the London and Manchester traffic is to be dragged along so circuitous a route; a glance at the map will convince the public that the North Staffordshire line is not and not appear will be a London. TEAN AND DOVE VALLEY AND CHURNET VALLEY RAILWAYS is rather too much to expect that the London and Manchester traffic is to be dratged along so circuitous a route; a glance at the map will convince the public that the North Staffordshire line is not, and never will be, a London and Manchester line. The other portion of the North Staffordshire scheme (i. e., from Macclesfield to Willington) does not profess to be a London and Manchester line, and it may fairly be questioned, whether one and the same company can have any serious intention of making the two lines, running, as they do, parallel, and within a few miles of each other, nearly the whole of the distance. That the North Staffordshire Company may intend to apply for an Act for constructing both lines, no one who is at all conversant with railway tactics can doubt the obtaining of an Act for that purpose, would give them absolute possession of the ground, and keep their opponents at bay, but the actual making of both lines is another and very different matter, and is an idea which, to my certain knowledge, many influential purties, connected with the Potteries portion of the North Staffordshire schemes, consider themselves privileged to laugh at. But supposing, on the other hand, and for the sake of argument, that there really exists on the part of the North Staffordshire Company an intention of carrying out the whole of their scheme—What then? The whole, be it remembered, is at present only a project; and if the Tean and Dove Company can offer a much better, and more profitable, line, than the or carrying out the whole of their scheme—what then? The whole, be it remembered, is at present only a project; and if the Tean and Dove Company can offer a much better, and more profitable, line, than the Churnet Valley portion of the North Staffordshire project, what carthly reason is there to prevent it? Are we to be gravely told, that because the North Staffordshire Company think fit to project a line of railway in a certain direction, that the Tean and Dove are precluded from projecting a better line, simply because it will traverse a protion of the same a certain direction, that the Tean and Dove are precluded from projecting a better line, simply because it will traverse a portion of the same country? Surely, Mr. Editor, you are sufficiently acquainted with these matters, to know that the time has gone by in which such nonsense might have been insisted upon. The country is now in a situation to make choice of the best line, and the simple, business-like, question to be asked, and answered, is—"Which possesses the greatest merits, the Tean and Dove, or the Churnet?" The advocate of the latter harps a good deal upon the fact, of the Board of Trade having already reported in its fayour, but "as things go," the report of the Board of Trade upon a railway project is a rather discordant string to play upon. "The light of other days is faded," with reference to the decisions of that unfortunate board. In short, Mr. Editor, you are well aware that the Railway Department of the Board of Trade has been regularly cashiered by S. Robert Peel.

You will think, Sir, that I am scribbling on to a most inconvenient length; but there is one little fact connected with the Churnet and the Board of Trade which deserves to be recorded. Before I state it, I will gratify our Churnet Valley friend, by assuming, for a moment, that some degree of importance is to be attached to the report of the Board of Trade. Under what circumstances, then, was that vaunted report made? Was it when the Churnet was in its present mongrel and senseless shape? Certainly not. That report was made when the Churnet was a London and Manchester line, which it has now voluntarily, and to suit its own selfish parposes, ceased to be!—So much, then, for the Churnet Valley and the Board of Trade. Now for the Tean and Dove Valley scheme. This is a London and Manchester line, and (as compared with the North Staffordshire line) will effect a saving of seven miles of actual distance; whilst doing so, it will embrace the important towns of Leek, Cheadle, Tean, Uttoxeter, and Burton-upon-Trent (in respect of which latter towns alone, it is computed that 50,000! per annum is paid for carriage), and it will also, to adopt the language of its prospectus, open the rich and extensive coal-fields at Biddulph, Poynton, Adlington, Cheadle, Gresley, Swadlincote, and Moira to the whole kingdom. Such, then, are some of the meris of the Tean and Dove Valley scheme, and of its claims upon public attention and support. If our Churnet Valley friend wishes for further discussion, I am prepared to afford it him, when and where he likes. In the meantime, I can assure him that, notwithstanding the various guises in which he has appeared. I am well acquainted with his real position, as to cussion, I am prepared to afford it him, when and where he likes. In the meantime, I can assure him that, notwithstanding the various guises in which he has appeared, I am well acquainted with his real position, as to the old Churnet Valley line, and will, in conclusion, give him the benefit of an anecdote, the application of which I will leave to himself and his conscience:—Coleridge takes up the old idea, that the Jows have a peculiar odour, and may be known by it, just as Cobbett affirmed, that he could seent a black man at the distance of a mile. "Once," says Coleridge, "I sat in a coach opposite to a Jew—a symbol of old clothes bags—an Isaiah of Holywell-street. He would close the window; I opened it. He closed it again; upon which, in a very solemn tone, I said to him—'Son of Abraham, thou smellest! son of Abraham, art offensive! son of Jacob, thou hast a bad odour! See the man in the moon, he is holding his nose at you at that distance; dost thou think that I, sitting here, can endure it any longer?' My Jew was astounded—opened the window forthwith himself, and said he was sorry he did not know before I was so great a gentleman." A Supporter of the Tean & Dove Valler Rahway.

himself, and said he was sorry he did not know before I was so great a gentleman." A Supporter of the Tean & Dove Valley Railway,

Direct London and Exeter Railway, with Extension to Falmouth.—We observe this among the various projects of the day, the magnitude of which somewhat startled us at first, bearing in mind the interests which it is calculated, if successful, to affect. The present, however, is not an age when interests, considered vested, can stem the progress of improvement, and we have come to the conclusion, that this undertaking is vigorous, and carries with it no improbable chance of success. A trunk line from the metropolis to Falmouth must command the attention of capitalists and the public. The decision of the York committee planity shows the feeling in favour of direct communications, as well as the disposition to encourage improvements, and no one can say a saving of thirty miles, in the transit between London and Exeter, is to be lightly regarded. The undertaking has been sometime on foot, but the projectors do not seem disposed to bring it out hastily, from which we augur favourably; a plan of this kind requires mature consideration, and the delay shows, we think, an intention to place it on a solid, rather than a speculative, foundation. If the project be properly brought forward and conducted, we think the grounds on which it proceeds extremely strong. The advertisement, which appears elsewhere (referring, by the way, to the questionable authority of the Board of Trade in favour of such a line) quotes the opinion of the committee of the House of Commons, sitting on the Wilts, Somerset, and Weymouth, as well as the Plymouth to Falmouth lines, and the promoters seem to attach, not without reason, much importance to the results arrived at. It is certainly remarkable, that the Board of Trade should have reported at. It is certainly remarkable, especially as, when it was first announced, it had not the benefit it now possesses, of the opinions, or rather decisions, quoted. We abstain, however

benefit it now possesses, of the opinions, or rather decisions, quoted. We abstain, however, from comments on the scheme further, till the prospectus is published, and we shall then recur to the subject, if the plan is likely to be carried out in a way conducive to its success.

\*\*Gerkat Luxembours Company.\*\*—This company has obtained a concession for a line of railway, to join the line from Charleroi to Namur and Liège, which will pass through the province of Luxembourg, in the direction of Dinant, Neufchâteau, and Arlon, with an extension to Thionville and Metz, at which latter city it will form a junction with the Paris and Strasbourg Railway. The distance is about 140 miles. It will, moreover, unite all the Belgian Railways with those of France, the south of Germany, and the eastern parts of Switzerland and Haly. At its northern terminus, a large proportion of goods' trailie to me the south of Germany, and the eastern parts of Switzerland and Haly. At its northern terminus, a large proportion of goods' trailie to me the south of Germany, and the eastern parts of Switzerland and Haly. At its northern terminus, a large proportion of goods' trailie to the Moselle, to and from Cobleatz. Much of the trade now going by the Rhine, through Holland, will probably take this route, rid Antwerp or Calais, as attended with less difficulty, delay, and expense. The local traflic in passengers and goods in the districts through which the railway will pass, is stated to be very considerable, while the districts abound in timber, corn, wine, and minerals of every description—the want of a reasonable conveyance having been a great drawback, they are partly lost for the means of transit. There are twonty-eight blast furnaces in the province of Namur, and forty-one in that of Luxembourg, which all draw their ore from the Luxembourg mines; and, in addition to the local consumption of iron, about 70,000 tons are annually exported. The imports from Belgium consist of glass, manufactured goods, colonial produce, apirits, sine, marb

of very valuable mines.

GHEAT COUNT DOWN RAILWAY.—Proceedings have taken place, during the past week, which insure the pushing forward of this grand scheme, with a persevering energy commensurate with the great importance of this very popular and axcellent undertaking. At a large meeting of the provisional committee, held in Downpatrick, on Friday, a most grativing report was read, with respect to the traffic returns and the engineering character of the proposed line; and an acting committee was struck, consisting of the leading landed proprietors and merchants of the County Down, to whom instructions and authority were given to promptly take all necessary measures for having the project fairly before Parliament at the very commencement of next assign: the traction presented, and which had been carefully prepared by campetent and traction of the proposed line.—Nevery Telagraph.

PROGRESS OF RAILWAYS IN FRANCE.

The Parliamentary session is at last terminated, the formal closing having taken place yesterday. All the projets de loi relative to railways, that the Minister of Public Works was anxious to pass, have safely weathered their way through the two Chambers, the last of them, respecting the Tours and ntes, and Paris to Strasbourg lines, having been passed by the Peers on Friday without any discussion whatever, beyond a request that the former should pass by a particular part of the town of Angers, and the promise

ion of the adjudication, shall be punished with a fine of from 500 to f.—(several of this morning's newspapers, in dread of incurring the lty, refrain, for the first time, from publishing the dealings on the rese yesterday, in the promises of shares and shares of the different Bourse yesterday, in the promises of shares and shares of the difference companies)—"and any agent de change, who, before the constitution of the societé anonyme shall negotiate the same, shall incur the same penalty."

The fourteenth clause prohibits the company from making arrangements with any carriers, stage coach and canal proprietors, for the conveyance of merchandise and travellers, without giving the same privileges and ades to all others.

is the final law in this Great Northern line, which has been so long Such is the final law in this Great Northern line, which has been so long before the public and the legislature, which is regarded with intense interest by tens of thousands of persons, both in England and France, and which is of immense importance, in a national point of view. Had it not been for the illiberal prejudice of the Chamber of Deputies against railway companies, this line of railway might have been opened at least a year ago, without any injury to the state, and with great benefit, not only to the company that might have possessed it, but to all others that are now prepared to bid for it. But it is too late to complain. In a few weeks the Minister of Public Works will hand over the line to a company, and, meanwhile, he is pushing on the works that still remain to be done with great activity. He will proceed, in a few days, to the adjudication for the erection of some of the principal stations, and he has a great number of all descriptions of workmen employed at the station at Paris. As I have already said, I think the partial opening of the line may be expected to take

descriptions of workmen employed at the station at Paris. As I have already said, I think the partial opening of the line may be expected to take place about the middle or end of the autumn.—I have left myself no room to write about the other lines, in which your readers are interested; but what is to be said can be communicated in my next.

It appears, from the newspapers, that serious disturbances have taken place between the workmen engaged on the Avignon and Marseilles road, now in course of formation. This class of men belong, for the most part, to two societies, one of which is called the devourans, and the other the loups, and which entertain such great enmity to each other, that they are almost always fighting. In the affair referred to, it appears that an armed force was necessary to appease the wolves and their opponents, and that may of both parties have been injured, some dangerously.—Paris, July 22.

THE WEST FLANDERS RAILWAYS.—The province of West Flanders is bounded on the north by the sen which faces England, on the east by East Flanders, and on the south by the frontier of France; its population is 650,480 inhabitants, for 1250 square miles. There are fifteen large towns, and at least 220 small towns, or large villages. The subsoil is generally of a sandy nature, with an upper soil of six to eighteen inches of alluvial earth. Although the population of this country is very confined, they export, to a considerable extent, and there is a very large class of cultivators, and as soon as the tariffs are at a low price an immense traffic will be opened. It must be observed that this province, with the exception of the south, has no river navigation, and the canal conveyance is far from being sufficient. As the country is on a level, and the roads well paved and kept in excellent order, there is nothing wanting on that point, but in every instance the Fleming leaves the paved road when and the roads well paved and kept in excellent order, there is nothing wanting on that point, but in every instance the Fleming leaves the paved road when the railway of the State will convey him at a low charge. The country is covered with flour-mills and oil-mills, breweries, distilleries, tanneries, &c. One of the lines now proposed to be laid down will run from north to southwix, from Bruges through Courtrai to Ypres, Poperinghe, Menin, Thourout, and Routlaer; another line running from east to west from Furnes will pass by Dixmude, Thourout, and Thiel, as far as the central lines, uniting Furnes, Dixmude, with Bruges, and placing the majority of the towns in a direct line with Brugesls. There are very extensive manufactories at Courtrai, Menin, and Ypres; Furnes is near the coast, and could easily become a port for the importation of fish. These projected railways will be 148 kilometres, and the required capital about 21,000,000f, under most favourable concessions, so that in a short time there will be lines from one end of Belgium to the other, joining those of France and Germany, thereby throwing open one of the most important facilities to commerce, and an expeditious transit.

Sick Headaches, with Weakness and Disordered Stomache. Cupper

ant facilities to commerce, and an expeditious transit.

Sign Headaches, with Weakness and Disordered Stomachs, Cured by Holloway's Pills.—It was these wonderful pills that cured the Earl of Aldbrough of a similar complaint, after the most eminent doctors in England and on the continent failed to give his lordship the least relief. This famous medicine will cure any person, however bad his case may be, who is suffering in any way from general debility, or from the head, the stomach, the blie, or the liver. It is confidently believed, that as this medicine (unlike all others) acts directly upon the very mainsprings of life, that no disease whatever can resist its infinence in the cure of dangerous complaints.—Sold at Professor Holloway's establishment, 244, Strand, and by all respectable medicine sellers throughout the civilised world.

Brecon and Merther Tydyll Railway.—This railway is in connection with the Welsh Midland Railway, and will form a most important branch of it; the majority of the shares are intended to be allotted to the Welsh Midland shareholders, a certain portion being reserved for other parties, and those locally interested. There is little doubt, from this railway going into the heart of the iron mining districts, containing an immense and daily increasing population, that greater prospect of a renunerating return is likely to accrue than from any other railway communication now projected, and parties securing shares will be considered fortunate. The survey of the line is statted to be nearly complete, and the expense of the formation of the railway will be comparatively cheap.

REAT WESTERN RAILWAY OF BENGAL
(Provisionally Registered, under the Act 7 & 8 Vic., c. 110.)
Capital &4,000,000, in 80,000 shares of £50 cach. Deposit 5s. per share.
(Being the largest sum allowed to be taken under the Registration Act.)

Capital 24,000,000, in 80,000 slares of 250 cach. Deposit os. per share.

(Being the largest sum allowed to be taken under the Registration Act.)

Offices of the Company—147, Leadenhall-street.

PROVISIONAL COMMITTEE.

The Right Hon. the Lord Viscount Combermere, G.C.B. G.C.H. late Commander-in-Chief in India
Henry Tobias Prinsep, Esq. late secretary of the Government of India, 37, Hyde-park-gardens
Lieut. General Sir Willoughby Cotton, K.C.B., 15, Lowndes-square
Major-General Sir Willoughby Cotton, K.C.B., 15, Lowndes-square
Major-General Warti, Bengal Army
Major-General Warti, Bengal Army
Major-General Warti, Bengal Army
Major-General Martin White, Bengal Army
Major-Mora, and Calentta, 15, Norfelk-croscent, Hyde-park
Richard Hardey Kennedy, Esq. late physician-general, Bombay, chairman of the
Coventry and Leicester, and Warwick and Cheltenham Railways, Emacote
House, Leamington
Walter Ewer, Esq. F.R.S. F.G.S. Bengal Civil Service
Colonel Skardon, Bengal Army, 6, Lausdowne-terrace, Kensington-park
Lieut.-Colonel John Smith, Matinas Cavalry, Ellingham Hall, Norfolk
Major Morae Cooper, late of the 11th Russars, Wargrave, Henley-upon-Thannes
George William Bacon, Esq. Bengal Civil Service
Archibald Spens, Esq. Bombay Civil Service
Archibald Spens, Esq. Bombay Civil Service
Grovenor-square
James B. Graham, Esq. barrister-at-law, Supreme Court of Bombay, Sussex-gardens, Hyde-park
Captain Hitchins, H.E.L.C.S. director of the Birmingham and Oxford Railway, 43,

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Captain Hitchins, H.E.I.C.S. director of the Birmingham and Oxford Railway, 43,
Queen Anno-street, Cavendish-square
The Honourable William Gore, 21, Wilton-crescent
The Honourable The Brain Gore, 21, Germyn-street
Sir Frederick Dunbur, Bart. of Boath
Sir William Hyde Pearson, Hanover-square
John Kinnersley Hooper, Esq. aldernan of the City of London
Samnel Rohde, Esq. F.G.S. director of the South Midland Railway, 3, Crosby-square,
Bishopagate

Sammel Rohde, Esq. F.G.S. unready of the School Bishopagate
Major Waller, K.H. 15, St. James's-square
Scott Thomson, Esq. late of Calcutta
John James, Esq. secondary of the City of London
Captain Hamilton, 95, Gloucester-place, Portman-square
Henry Hadlow, Esq., M.D. Minories
N. B. E. Baillie, Esq. Oxford-terrace, Hyde-park
Major White, Bengal Army, Pall Mail
W. S. Fitswilliam, Esq. Old Broad-street, director of the Essex and Suffolk Railway
(With power to add to their number.)

Major H. R. Henderson
R. Hartley Kennedy, Esq.
Major Morse Cooper
Archibad Spans, Esq.
My. P. Andrew, Esq.
My. P. Andrew, Esq.
Wy. S.
(With power to add to their marking the companion of the co COMMITTEE OF MANAGEMENT. Captain Hitchins
The Honourable W. Gore
Major Waller
John James, Esq.
Mr. Alderman Hooper
W. S. Fitzwilliam, Esq.
beir number.)

TEUSTEE AT CALCUTTA—Dwarkanauth Tagore.

Bankers in London—Messis, Herries, Faquhar, and Co., St. Jan Messrs. Smith, Payne, and Smiths, Lombard-street.

Mesars, Smith, Payne, and Smiths, Lombard-street.

\*\*FROVINCIAL BANKERS.\*\*

\*\*Manchester\*\*

\*\*Messrs, Jones, Lloyd, and Co. Liverpool\*\*

\*\*Messrs, Samed Smith and Co. Derby Messrs, Samed Smith and Co. Hull Ditto dilto dilto Hull Ditto dilto dilto Excite\*\*

\*\*Messrs, Stuckey and Co. Excite\*\*

\*\*Messrs, Stuckey and Co. Excite\*\*

\*\*Messrs, Beckett and Co. Sheffield\*\*

\*\*The Sheffield Banking Company Port\*\*

\*\*The City and County Bank Edisburgh The British Linen Banking Company (Blaspos The City of Glasgow Bank Dublin Messrs, Latouche and Co.

BANKERS IN CALCUTTA—The Union Bank.
BANKERS IN BOMBAY—The Bank of Western India Engineer-Charles Vignoles, Esq., F.R.A.S., M.R.I.A. STANDING COUNSEL—A. E. Cockburn, Esq., Q.C.; Edwin James, Esq. Solicitor—W. B. James, Esq. 5, Basinghall-street.

The object of this company is to construct a line of railway connecting Calcutta westward with the River Ganges at Patna, passing along the left bank of the Hooghly, by Damdum, through Barrackpore, the country residence of the Governor-General, and a large military cantonment to Chogda, at or near where it is intended to cross the river, and will then continue its course through the highly-cultivated provinces of Bancoora, Beerbhoom, Ramghur, Monghyr, and Behar, to Patna, terminating at the chief town of that important district, with an extension from the main line commencing at Chogda, on the left bank of the Hooghly, joining the Ganges at or near Sootee; this extension being a short and practicable line, approved of by all parties acquainted with that part of the country, is in accordance with the recommendation of the Honourable East India Company upon the subject of railways in India.

The length of the main line is about 320 miles, and the extension to Sootee about 115 miles.

The committee feel great pleasure in announcing to the public, that Dwar-AGENTS AT CALCUTTA-Carr, D. Tagore, and Co.

The length of the main line is about 320 miles, and the extension to Sootee about 115 miles.

The committee feel great pleasure in announcing to the public, that Dwarkanauth Tagore has consented to act as trustee for this company in India; and has addressed his firm at Calcutta, requesting they would act as agents there.

Applications for shares to be made to the secretary, at the offices of the company, 147, Leadenhall-street, and to the undernamed sharebrokers:—London: Messrs. Peppercorne and Co., 2, Old Broad-street; Hill, Fawcett, and Hill, Threadneedle-street; and J. W. Scott, Esq., 3, Bartholomew-lane—Birmingham: W. R. Collis—Leeds: Messrs. John Young and Co.—York. Messrs. Grayston and Earle—Edinburgh: Messrs Robertson and Co.; and Messrs. M'Callum and Co.—Glasgow: Messrs. Tassie and Co.—Dublin: Messrs. Bruce and Symes—Liverpool: Messrs. Ridsdale and Chauncey, Mr. James Pratt, and Mr. J. O. Binger—Derby: Mr. T. Fyre and Mr. J. Cuff—Hull: Messrs. Collisson and Flint—Manchester: Messrs. Cardwell and Sons, and Mr. J. Clegg—Bistol: Mr. Luke Arnold—Exeter: Beaumont and Co.—where prospectuses and forms of application may be had.

THE TALACRE IRON AND COAL COMPANY AGAIN.

Lewis Levasor w. William Hodges, hate lord mayor, and alderman of Dublin, and a director of the Talacre Coal and from Company, the sum of 2,033. 6a. 8d., the amount of a promissory note, signed by the defendant and Messra. W. Chappelow, Clouston, and Hyndman. It may be known to some of our readers that, in February last, an action was tried in Dublin for two notes of a similar character. The plaintift, in the latter case, was a Mr. Howard, and he sued as indorsee of Levason. The trial then lasted sta days, the present one lasted four. The notes referred to were passed to Levason in February, 1841, as part of the purchase of the Talacre property, and the defence in Shaw's case was, that there was a conspiracy between Levason, Alderman Wood, and others, to concect the company, charge a large price for the mines, which were of no value, and that the signature of Shaw was obtained by fraudulent means. The jury found a verdict for Shaw; and now Mr. Hodges, the present defendant, was sued upon another note, given at the same time, for the same consideration, the difference being, however, that in the last trial the action was by an indorsee, whereas the plaintiff, on the present occasion, was the party to whom the note was made payable, and one of the parties charged with the fraud. It also differed from Shaw's case in this, that Shaw was a shareholder, whereas Hodges was a director from an early period, but not, as it was alleged, one of the comecuting directors. the trans. It also differed from shaws case in this, and shaws the wave whereas Hodges was a director from an early period, but not, as it was alleged one of the concocting directors.

Messrs. Hatchell, Q.C., Piggott, Q.C., Baker, Q.C., Lynch, and Levy, were for the plaintiff; Messrs. Brewster, Q.C., Macdonough, Q.C., Dwycr, and Fitzgerald, were for

Mesers. Hatchell, Q.C., Piggott, Q.C., Baker, Q.C., Lynch, and Levy, were for the plaintiff, Mesers. Brewster, Q.C., Macdonough, Q.C., Dwyer, and Fitzgerald, were for the defence.

Mr. HATCHELL shortly stated the plaintiff's case, and put in an agreement, dated November 19, 1839, signed by the defendant, Wood, and others, purchasing from Levason the Talacre Mines for 19,0004, 40000, of which had been paid; and then the note in suit, which was signed in further payment of a reduced sum agreed to be given to Levason, in February, 1841; and the learned counsel argued that a verdict must pass, Hodges being a party to the contract, under his (Hodges) hand and seal, by which the mines were taken from Levason, and thus such consideration had been given as the defendant could not impeach. He called Mr. Fotterell, a solicitor residing in Dublin, who proved Alderman Hodges's execution of the agreement in question, as also a suit instituted in Ireland against Hodges in 1841, for the purchase-money in the agreement.—Cross-exemined by Mr. Bekwatzer. Witness never saw Levason: knew Aldeman Wood, he was the "great man" in the company: saw Wood, Weston, and Davis in Dublin in the summer of "1839" Wood was then High Sheriff of London, and a meeting was held about the company, at which Wood made a speech. Witness received several deeds from Wood, but he acted only in a ministerial capacity in getting signatures to communication with the plaintiff's attorney.

Mr. H. F. Wood called : Is the son of Alderman Thomas Wood—When this witness first got into the box, he asked the judge to make an order that the plaintiff should pay first got into the box, he asked the judge to make an order that the plaintiff should pay first got imposes examination on this point by Mr. Macdonough, he admitted he had been in previous communication with the plaintiff's attorney, and believed his father had, on the Monday, received from Mr. Hodges 500, to send over the deeds. His Losnesh then offers the acceleration of the plaintiff's attorney, and believe

several directors were present, and they employed a Mr. Blaughter to see Leysason, and arrange with him for his demand of 18,000. If he get bills for the 18,000. If Slaughter save him and told the parties Leysason would take 2,000. of the get blue for the 18,000. If he get bills for the 18,000. If Slaughter save him and told the parties Leysason would take 2,000. of his get below to the control of the contro

capacity of the district in winch the property any, and, necrostry, when the capacital to the consensed from payments of the node given in compromise of the capacital to the capacitation of the contract, in setting that fraid up as an asswer to the the capacitation of the contract, in setting that fraid up as an asswer to the the capacitation of the contract, in setting that fraid up as an asswer to the the capacitation of the contract, in setting that fraid up as an asswer to the more and the capacitation of the contract, in setting that fraid up as an asswer to the capacitation of the capacitation